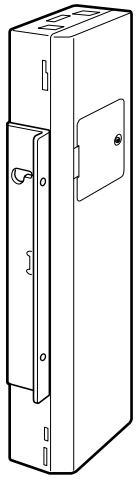
SHARP SERVICE MANUAL

CODE : 00ZARFX12/A1E



LASER PRINTER OPTIONS
FAX EXPANSION KIT
(For North America)

MODEL AR-FX12

OPTION AR-MM9

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Parts marked with "⚠" are important for maintaining the safety of the set.
Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

SHARP CORPORATION

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The contents are subject to change without notice.

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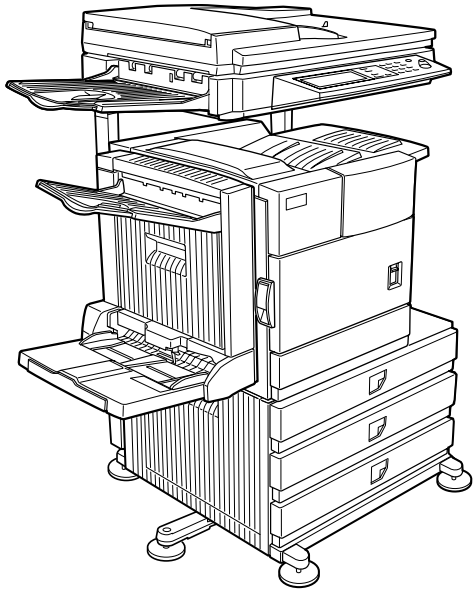
[1] PRODUCT OUTLINE

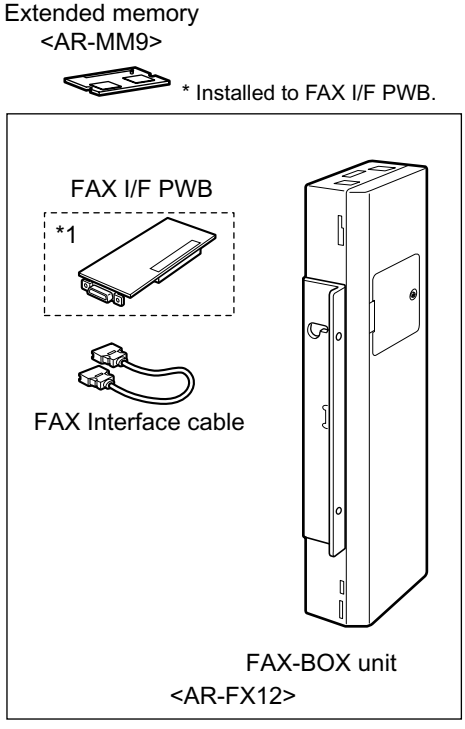
This unit provides the FAX function and the PC-FAX function when installed to the following machines:

Machines to install this unit :

•AR-M355U/M455U
•AR-M351U/M451U
•AR-M355N/M455N
•AR-M351N/M451N

[2] CONFIGURATION





*1) Installed to the machine MFP controller PWB.

[3] SPECIFICATIONS

1. FAX function

A. Mode

Scanner (Scan to E-mail, Scan to Sharpdesk, Scan to FTP, Scan to HDD), FAX, Internet FAX

B. Support system

Mode	Scanner	Internet FAX	FAX
Support server	SMTP Server FTP Server	POP Server SMTP Server ESMTP Server	---

C. Support image

Mode	Scanner	Internet FAX	FAX
Fail system	TIFF, PDF	TIFF-F, TIFF-FX	---
Compression system	• No compression • G3(First dimension) *1 • G4 *2	MH, MMR	MH, MR, MMR, JBIG

*1) G3 (First dimension) = MH(Modified Huffman)
*2) G4 = MMR (Modified MR)

D. Image process

Mode	Scanner	Internet FAX	FAX
Half-tone reproduction	Corresponds to 256 gradations.		
Density adjustment	Automatic + 5 steps		
Image quality selection	Half-tone ON/OFF (*) is inhibited.		
Resolution (Differs depending on the file type/ send method).	200 x 200dpi*	200 x 100dpi*	Normal text (203.2x97.8dpi)*
	300 x 300dpi	200 x 200dpi	Fine (203.2 x 195.6dpi)
	400 x 400dpi	200 x 400dpi	Super fine (203.2 x 391dpi)
	600 x 600dpi	400 x 400dpi	Ultra fine (406.4 x 391dpi)
	---	600 x 600dpi	---

E. Destination specification Values in ( ) are for the U model

Mode	Scanner	Internet FAX	FAX
LDAP	O (Can be registered as one-touch address.)		
Destination specifications	Specified by input of one-touch, group, and direct destination.		
One-touch destination registration items	Total Max. 999 (500) items. Sub total of 200 (100) items (FTP and desktop) of them		
Group	O 500 (300) items can be registered as one-touch dial and direct input.		
Program	O (8 items)		
Direct destination input	Soft keyboard		Input by 10-key, # key, * key
Chain dial (Direct destination input)	---		Common with pause, up to 64 digits
Resend	Calls the previous destination.		
Reduction destination selection	Calls the destination registration number by 10-key input.		

F. Plural destinations specifications

Mode	Scanner	Internet FAX	FAX
Destination specifications	Specified by one-touch, group, or direct destination input (*).		
Number of items which can be registered by direct destination input	U model: Group, interface broadcast, total 100 items N model: Group, interface broadcast, total 5000 items		
Broadcast send	O (FTP/Desktop: Broadcast is disabled.)	O	
Sequential send request	---		O

* Direct destination input: Input by 10-key or soft keyboard other than one touch.
* For broadcast including FAX , it is the FAX resolution.
* For broadcast of the internet FAX and the scanner, it is the internet FAX resolution.
* The compression type of broadcast conforms to the key operation setting.

G. Function Values in ( ) are for U model

Mode			Scanner	Internet FAX	FAX
Send function	Memory send		--- Memory send is performed when the upper limit value is set.	O	
	On-hook		---		O
	Quick online send		---		O
	Direct send		---		Only when on-hook
	Automatic reduction send		---		O A3 → B4 A3 → A4 B4 → A4
	Rotational send		O		
	Zoom send		O (Only fixed size → fixed size. Rotation is disable for some combinations.)		
	Recall mode	Error	---	O	
		Busy	---	---	O
			Number of times and time are set by the key operations.		
	Book document send		O		
	Long size document send		O	O	O
			Max. 800mm		
	File division send		O	---	
	Send size limitation		O	O	---
	Number of items of senders which can be registered		Max. 999 items (500)		
Receive function	Automatic receive		---	O	
	Manual receive		---	O	
	Memory receive		---	O	
	Fixed size reduction receive		---	O	
	Specified size zoom receive		---		
	Rotational receive		---	O	

Mode		Scanner	Internet FAX	FAX
Receive function	Division receive	---	Conditions setting by key operation	
	Duplex receive	---	Conditions setting by key operations	
	2 in 1 receive	---		
	Address/domain specification receive enable	---	O (50 items)	---
	Address/domain specification receive disable	---	O (50 items)	Specified number only
	External TEL connection remote	---		O
	Answering TEL connection	---		X (PAT counter measure)
	Transfer function when output is disable	---	O	
	Automatic boot mode	---	O	
Special function	Time specification	O		
	Paling receive	---	---	O
	Bulletin board send	---	---	O
	Cover function	---	---	X
	Sender print	---	O	
	Page division	O		
	Page connection	X		
	Confidential (Remote machine)	---		O (F code system)
	Interface broadcast specification	---		O (F code system)
	Send message	X		
	Edge erase	O		
	Large scale document mode	O		
	Center erase	O		
	2 in 1	O		
	Card shot	O		
Report/ List function		O		
	Communication report list	X	O	
	Address/TEL number table	O		
	Group table	O		
	ID • Sender address table	---		
	Sender table	O (Sender registration table)	X Listed on the key operation list.	
	Confidential box check table	---		O (Integrated with the memory box table).
	Interface group table	---		O (Integrated with the memory box table).
	Program table	O		

Mode		Scanner	Internet FAX	FAX
Report/ List function	Send reservation table	X		
	Memory box table	---		O (FAX mode only)
	Memory content cleat notification table	--- In case of an error, an output may be made.		
Other	PC send	---	PC-iFAX	PC-FAX

H. Transmission system

Mode	Scanner	Internet FAX	FAX
Electrical transmission time	---		2sec range (Super G3/JBIG) 6 sec range (G3 ECM)
Modem speed	---		33.6kbps → 2.4kbps Automatic Fall back
Mutual transmission	---		Super G3 / G3
Communication line	---		Public telephone line (PSTN), Private branch exchange (PBX), F net
ECM	---		O

I. Record size

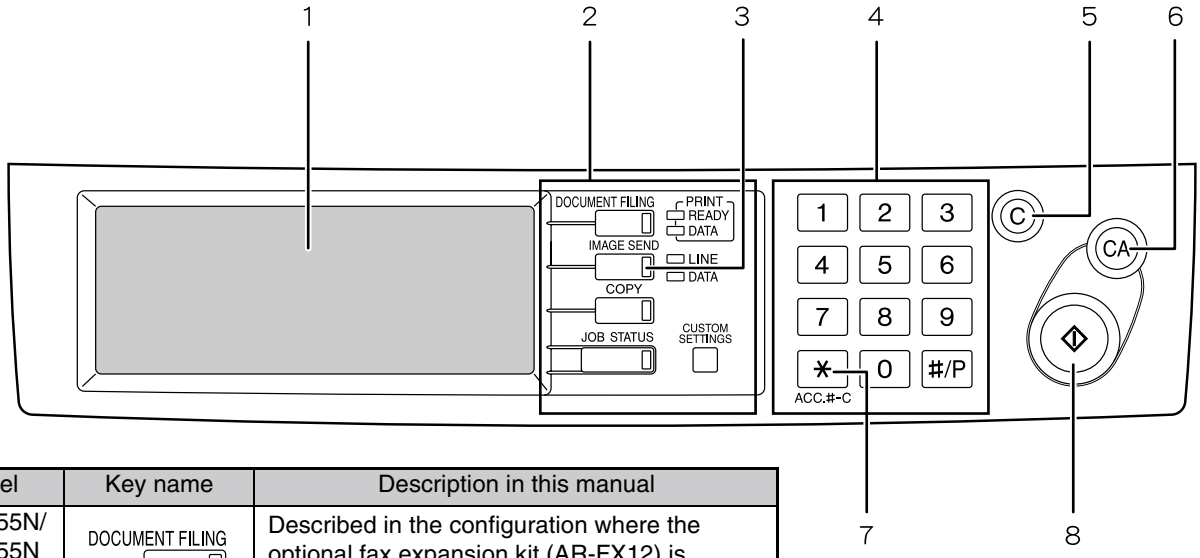
Mode	Scanner	Internet FAX	FAX
Max. record width	---	293mm	
Record size	---	A3 - A5,11" x 17" - 5.5" x 8.5"	

J. F code communication

Mode	Scanner	Internet FAX	FAX
Sub address	---		O
Pass code	---		O

[4] EXTERNAL VIEWS AND INTERNAL STRUCTURES

1. Operation panel



Model	Key name	Description in this manual
AR-M355N/ AR-M455N	DOCUMENT FILING	Described in the configuration where the optional fax expansion kit (AR-FX12) is installed on the AR-M355N/AR-M455N models.
AR-M355U/ AR-M455U	PRINT	No functions related to document filing or Internet fax reception are described in this manual.

1	Touch panel (following page)	• Messages and keys appear in the touch panel. Touch the displayed keys to select functions and enter settings. • When a key in the touch panel is touched, a beep sounds and the key is highlighted. • Keys that cannot be selected in a screen are grayed out. If touched, a double-beep will sound to alert you that the key cannot be selected.
2	Mode select keys	Use these keys to change modes.
3	[IMAGE SEND] key	Press to switch to fax mode. The main screen of fax mode will appear. The screen that appears when this key is selected can be changed with "Default display settings" in the key operator programs.
4	Numeric keys	Use to enter fax numbers, sub-addresses, passcodes, and numerical settings.
5	[C] key (clear key)	Use to clear a mistake when entering fax numbers, sub-addresses, passcodes, and numerical settings. One digit is cleared each time you press the key.When an original is being scanned, this key can also be used to cancel scanning.
6	[CA] key (clear all key)	Use to cancel a transmission or programming operation. When this key is pressed, the operation is canceled and you return to the main screen described on the following page. This key is also used to cancel resolution, paper size and special mode settings.
7	[*] key	This is used to produce tone signals when you are on a pulse dial line.
8	[START] key	Press to begin scanning an original for fax transmission.

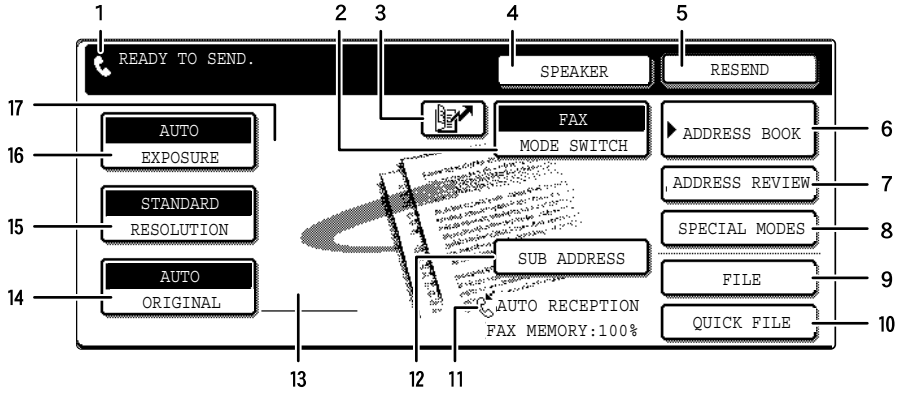
2. FAX mode (Condition setting screen)

The condition settings screen of fax mode is displayed by pressing the [IMAGE SEND] key while the document filing mode (printer mode), copy mode, or job status screen appears in the touch panel. In the explanations that follow, it is assumed that the initial screen that appears after pressing the [IMAGE SEND] key is the condition settings screen (shown below). If you have set the display to show the address book screen (following page) when the [IMAGE SEND] key is pressed, touch the [CONDITION SETTINGS] key in the address book screen to display the condition settings screen.
"Default display settings" in the key operator programs can be used to select whether the condition settings screen (below) appears or the address book screen (next page) appears when the [IMAGE SEND] key is pressed.

- When the network scanner option is installed, you can select whether the "E-MAIL/FTP" screen or the "INTERNET FAX" screen appears when the [IMAGE SEND] key is pressed (the selection is made in the key operator programs).

A. Condition setting screen

The display is initially set (factory setting) to show the following condition setting screen as the initial screen.



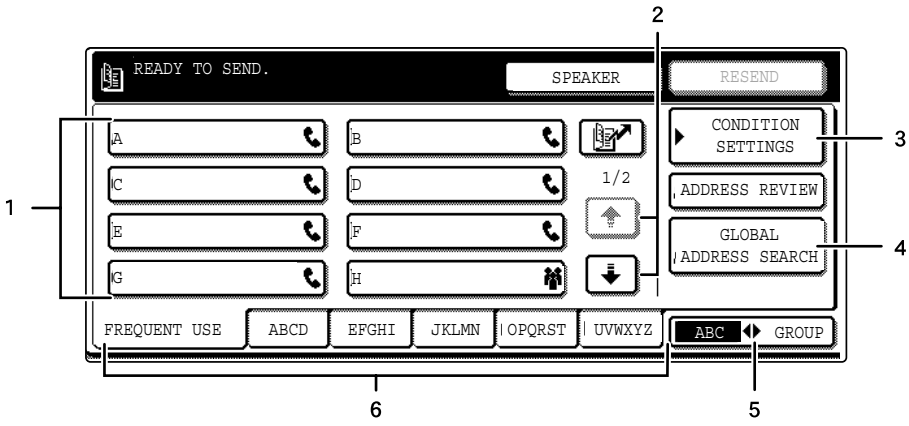
1	Message display	Messages appear here to indicate the current status of the machine. The icon at left indicates fax mode.
2	[MODE SWITCH] key	Use this key when the network scanner option is installed to switch between the "E-MAIL/FTP" and "INTERNET FAX" screens
3	[ ] key (Speed dial key)	When a one-touch dial key or group key is stored in the address book, the machine automatically assigns it a 3-digit number. This key and the Speed Dial number can be used to abbreviate the transmission procedure.
4	[SPEAKER] key	Touch the [SPEAKER] key to dial and transmit a fax manually. During dialing it changes into the [PAUSE] key, and after pressing the [SUB ADDRESS] key it changes into the [SPACE] key.
5	[RESEND] key	Touch this key to redial the number most recently dialed with the numeric keys or a one-touch dial key. After dialing, this key changes into the [NEXT ADDRESS] key.
6	[ADDRESS BOOK] key	Touch this key to display the address book screen (next page). Touch this key when you want to use an auto-dial number (one-touch dialing or group dialing).
7	[ADDRESS REVIEW] key	When performing a broadcast transmission, touch this key to check your selected destinations. The selected destinations will appear and any unneeded destinations can be deleted.
8	[SPECIAL MODES] key	Touch this key to select one of the following special functions: •Edge erase •Dual page scan •Timer transmission •2in1 •Card shot •Job build mode •Polling •Memory box •Program •Transaction report
9	[FILE] key*	Touch this key to store a document image that you are transmitting in the hard disk (this includes selecting a user name, file name, and location).
10	[QUICK FILE] key*	Touch this key to store a document image that you are transmitting in the temporary storage folder.
11	Memory and reception mode display	This shows the amount of fax memory that is free and the currently selected reception mode.
12	[SUB ADDRESS] key	Touch this key to enter a sub-address and passcode when using F-code transmission.
13	Two-sided scanning icon display	Icons appear here when you touch the [ORIGINAL] key and select two-sided scanning. The icons can be touched to open function selection screens.
14	[ORIGINAL] key	Touch this key when you wish to manually set the size of the original to be scanned or scan both sides of the original.
15	[RESOLUTION] key	Touch this key to change the resolution setting for the original to be scanned. The selected resolution setting will be highlighted above the key. The initial factory setting is [STANDARD].
16	[EXPOSURE] key	Touch this key to change the exposure setting for the original to be scanned. The selected exposure setting will be highlighted above the key. The initial factory setting is AUTO.
17	Special mode icon display	When a special mode such as polling or dual page scan is selected, a special mode icon appears here.

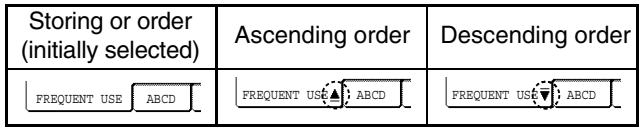
* Can only be used on the AR-M355N/AR-M455N. The AR-M355U/AR-M455U models do not have this function.

B. Address book screen (alphabetically ordered)

The screen below appears initially when the address book is set as the initial screen using "Default display settings" in the key operator programs.

- The screen below is the alphabetical index screen. You can also have the user index screen appear initially.
- The screen appears as shown below when the network scanner option is not installed.



1	One-touch key display	This shows the one-touch keys that have been stored on the selected "index card". The key type is indicated by the icon at the right. One-touch keys in which a fax number is stored are indicated by a " " icon. The display is initially set to show 6 keys. This can be changed to 8 or 12 using the key operator program. Display illustrations in this manual show the display set to eight keys.
2	Display switching keys	When more one-touch keys are stored than can be displayed in one screen, touch the " [↑] [↓] " keys to change screens.
3	[CONDITION SETTINGS] key	This displays the condition settings screen (previous page), which is used to set various conditions.
4	[GLOBAL ADDRESS SEARCH] key	Touch this key to search for a fax number on an LDAP server.
5	[ABC ◆▶ GROUP] key	Touch this key to switch between the alphabetical index and the group index.
6	Index keys	One-touch key destinations are stored on each of these index cards (alphabetical index or group index). Each time the selected tab is touched, the key display order changes from the order of storing (the initial display order), to ascending order, to descending order. As this is done, the icon on the tab indicates the current display order.  Group indexes make it possible to store one-touch keys by group with an assigned name for easy reference. This is done with the custom settings. Frequently used onetouch key destinations can be stored on the FREQUENT USE card for convenient access.

NOTE

When the network scanner option is installed and a destination other than a fax numbers is stored in a one-touch key, one of the following icons will appear.

: Scan to E-mail destination

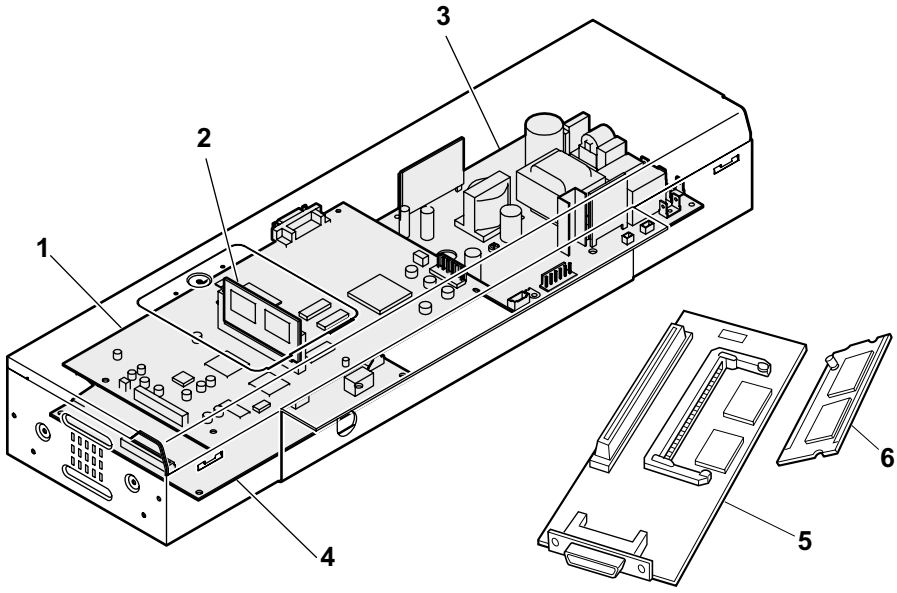
: Internet fax destination

: Scan to FTP destination

: Scan to Desktop destination

: Multiple destinations (Scan to E-mail, fax, etc.)

3. PWB

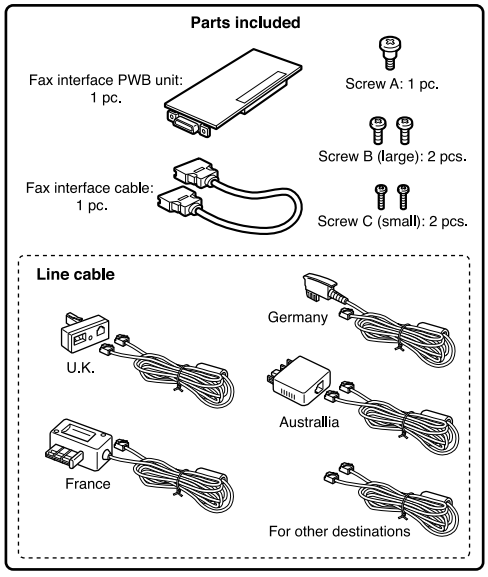


1	Modem control PWB	FAX communication control
2	FAX FLASH ROM PWB	FAX control program
3	FAX power PWB	Supplies power to the FAX unit.
4	TEL/LIU PWB	TEL line communication control
5	FAX I/F PWB (Installed to the machine side)	Connection between FAX and MFP controller
6	FAX extended memory (Installed to FAX I/F PWB)	<AR-MM9>

[5] UNPACKING AND INSTALLATION

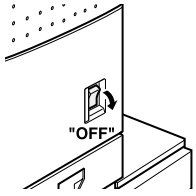
<Before installation>

- For installation of AR-FX12, the control PWB unit and the scanner unit must have been installed.
- Start installation after checking that the COMMUNICATION indictor on the operation panel is neither lit nor blinking.



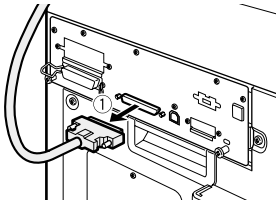
1)Turn off the power switch of the main unit.

Then remove the power plug of the main unit from the outlet.



2)Pull out the control PWB unit.

<1>Remove the scanner cable from the control PWB unit.

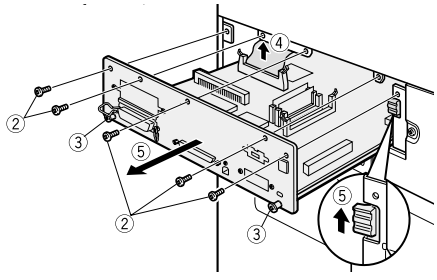


<2>Remove the five screws that secure the control PWB unit to the main unit.

<3>Hold the two grips and pull out the control PWB unit until it is stopped by the stopper.

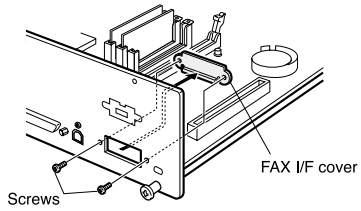
<4>Remove the connector of the flat cable.

<5>While unlocking the stopper with your finger, pull the control PWB unit to remove it from the main unit.



3)Remove the FAX I/F cover.

Remove the two screws that secure the FAX I/F cover of the control PWB unit and remove the FAX I/F cover.

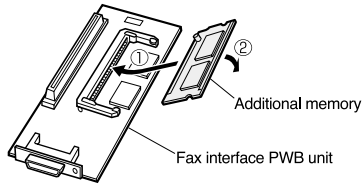


<Procedure for mounting additional memory (AR-MM9)>

* If mounting of additional memory is not needed, proceed to step 5.

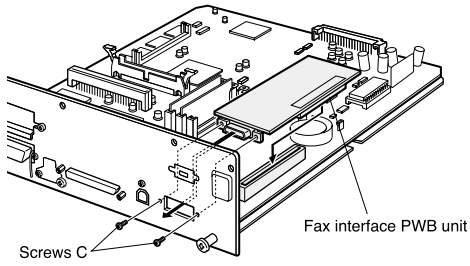
4)Mount the additional memory.

Mount the additional memory to the socket located on the back side of the interface PWB unit.



5)Attach the fax interface PWB unit.

Connect the fax interface PWB unit to the fax interface PWB connector (100 pins) of the control PWB unit and secure it with two screws C.

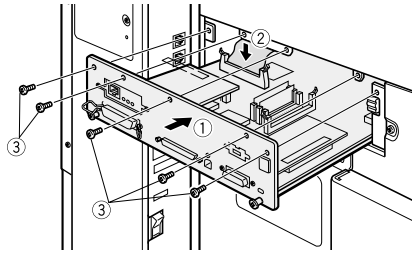


6)Reattach the control PWB unit.

<1>Reattach the control PWB unit to the main unit.

<2>Connect the flat cable that has been removed in step 2)-<4> to the connector.

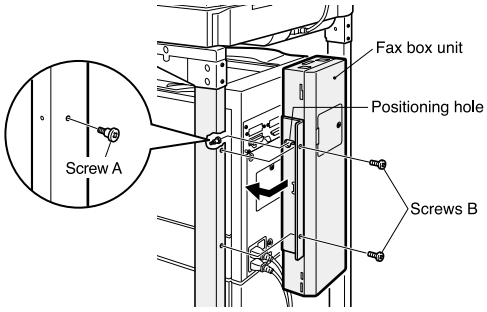
<3>Push the control PWB unit into the main unit and secure it with the five screws.



7)Attach the fax box unit.

<1>Secure screw A to the rack.

<2>Fit the positioning hole located on the side facing fax box unit to screw A, slide the fax box unit toward the rack, and secure the rack and the fax box unit using two screws B.



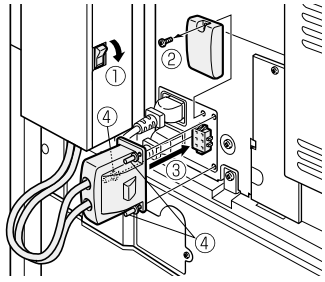
8)Connect the fax power supply connector.

<1>Ensure that the fax power switch is set to “OFF”.

<2>Remove the screw from the connector cover for connection of the fax power supply connector of the main unit and remove the connector cover.

<3>Connect the fax power supply connector to the connector of the main unit.

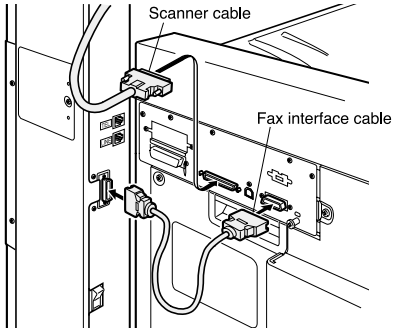
<4>Secure the connector by lightening the three screws on the connector.



9)Connect the connector.

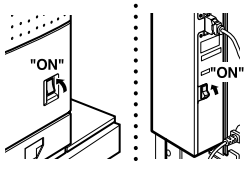
Connect the fax interface cable to the fax box unit and the control PWB unit.

Connect the scanner cable that has been removed in step 2.



10)Turn on the power switches of the main unit.

Insert the power plug of the main unit to the outlet and turn on the power switch of the main unit and the fax power switch of the box unit.

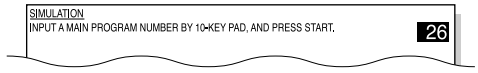


11)Set the destination for the main unit.

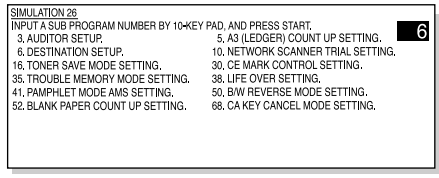
- Be sure to set the destination for the main unit before setting the destination for the fax.

<1>Switch the operation panel to the copy mode and use the key operation [P], [*], [C], and [*] to enter the simulation mode.

<2>Use the 10-key pad to enter [26] in the main code entry screen and press the [START] key.



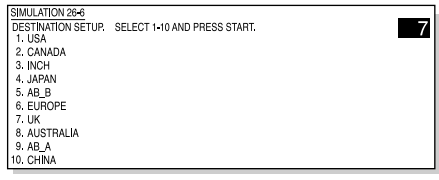
<3>The sub-code list is displayed. Use the 10-key pad to enter [6] and press the [START] key.


SIMULATION 26
INPUT A SUB PROGRAM NUMBER BY 10-KEY PAD, AND PRESS START.
6
3. AUDITOR SETUP.
5. A3 (LEDGER) COUNT UP SETTING.
6. DESTINATION SETUP.
10. NETWORK SCANNER TRIAL SETTING.
16. TONER SAVE MODE SETTING.
30. CE MARK CONTROL SETTING.
35. TROUBLE MEMORY MODE SETTING.
38. LIFE OVER SETTING.
41. PAMPHLET MODE AMS SETTING.
50. B/W REVERSE MODE SETTING.
52. BLANK PAPER COUNT UP SETTING.
68. CA KEY CANCEL MODE SETTING.

<4>Select the desired destination from the destination list by entering the number and press the [START] key.

When you press the [START] key, this machine will be rebooted and will start with the setting of the selected destination for the main unit.

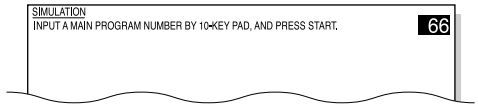
Example: To set the UK as the destination, select it from the destination list by entering [7] and press the [START] key.



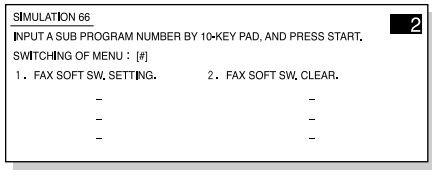
12)Set the destination for the fax.

<1>Switch the operation panel to the copy mode and use the key operation [P], [*], [C], and [*] to enter the simulation mode.

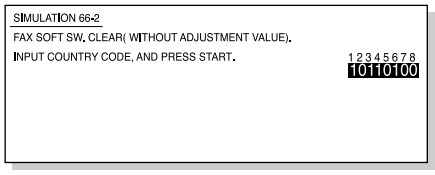
<2>Use the 10-key pad to enter [66] in the main code entry screen and press the [START] key.



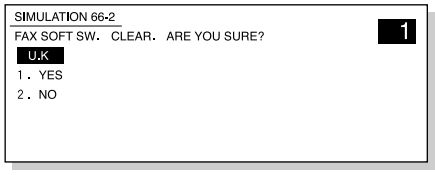
<3>Use the 10-key pad to enter [2] in the sub-code entry screen and press the [START] key.


SIMULATION 66
2
INPUT A SUB PROGRAM NUMBER BY 10-KEY PAD, AND PRESS START.
SWITCHING OF MENU : [#]
1. FAX SOFT SW. SETTING.
2. FAX SOFT SW. CLEAR.

<4>Select the desired destination from the destination list (separate table 1) by entering the number using the 10-key pad and press the [START] key.
(For example, to set the UK as the destination, enter [10110100] using the 10-key pad and then press the [START] key.



<5>Check the destination in the following screen. If the destination is correct, enter [1] (YES) using the 10-key pad and press the [START] key.



<6>Press the [CA] key.
* This machine will be rebooted and will start with the setting of the selected destination for the fax.

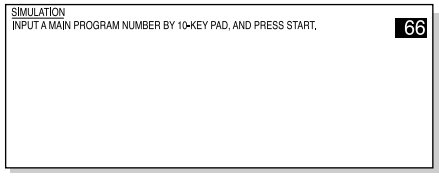
Separate table 1: Setting value of destination for fax

Destination	FAX Software SW No.1 - 8							
U.S.A	1	0	1	1	0	1	0	1
AUSTRALIA	0	0	0	0	1	0	0	1
NEWZEALAND	0	1	1	1	1	1	1	0
U.K.	1	0	1	1	0	1	0	0
FRANCE	0	0	1	1	1	1	0	1
GERMANY	0	0	0	0	0	1	0	0
SWEDEN	1	0	1	0	0	1	0	1

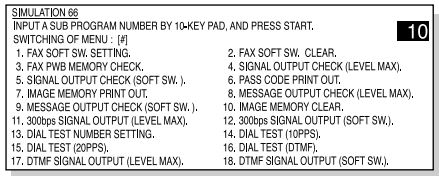
13)Clear the image memory.

• If an additional memory (AR-MM9) has been mounted, be sure to carry out this step.
If no additional memory has been mounted, this step is not necessary.

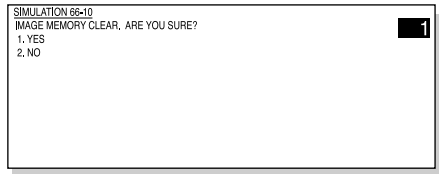
<1>Switch the operation panel to the copy mode and use the key operation [P], [*], [C], and [*] to enter the simulation mode.
<2>Use the 10-key pad to enter [66] in the main code entry screen and press the [START] key.



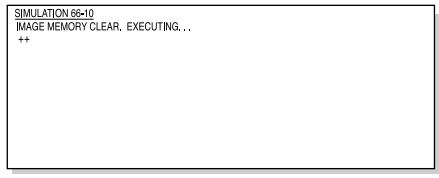
<3>Use the 10-key pad to enter [10] in the sub-code entry screen and press the [START] key.


SIMULATION 66
INPUT A SUB PROGRAM NUMBER BY 10-KEY PAD, AND PRESS START.
10
SWITCHING OF MENU : [#]
1. FAX SOFT SW. SETTING.
2. FAX SOFT SW. CLEAR.
3. FAX PWB MEMORY CHECK.
4. SIGNAL OUTPUT CHECK (LEVEL MAX).
5. SIGNAL OUTPUT CHECK (SOFT SW.).
6. PASS CODE PRINT OUT.
7. IMAGE MEMORY PRINT OUT.
8. MESSAGE OUTPUT CHECK (LEVEL MAX).
9. MESSAGE OUTPUT CHECK (SOFT SW.).
10. IMAGE MEMORY CLEAR.
11. 300bps SIGNAL OUTPUT (LEVEL MAX).
12. 300bps SIGNAL OUTPUT (SOFT SW.).
13. DIAL TEST NUMBER SETTING.
14. DIAL TEST (10PPS).
15. DIAL TEST (20PPS).
16. DIAL TEST (DTMF).
17. DTMF SIGNAL OUTPUT (LEVEL MAX).
18. DTMF SIGNAL OUTPUT (SOFT SW.).

<4>Use the 10-key pad to enter [1] in the submenu screen and press the [START] key.



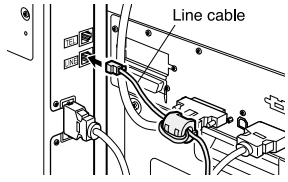
<5>The screen shown below is displayed and memory clear operation is executed.



<6>After several minutes, memory clear operation will be completed and then this machine will be automatically rebooted.

14)Connect the line cable to the fax box unit.

Connect the line cable to the fax box unit.
As shown in the figure, insert the FAX cable terminal (with the core attached) into the FAX box unit.



[6] SIMULATIONS, FAX SOFTWARE SWITCH

1. Entering the simulation mode

a. Normal mode

Enter the copy mode and perform the following procedures.
[P] → [*] → [C] → [*] → [Main code] → [START] → [Sub code] → [START]

b. FAX mode

Enter the copy mode and perform the following procedures.
[9] → [*] → [8] → [#] → [7]

2. Switching the simulation mode

Press [USER SETTING] to return to the code entry screen.

3. Canceling the simulation mode

Press CA key to cancel the simulation mode.

4. Simulation list

Code		Function (Content)	Purpose	Section	Item	
Main	Sub					
22	5	Used to check the ROM version of each unit (section).	Other		Software	
	6	Used to print the list of adjustments and setup data (simulations, FAX soft switches, counters).	Adjustment, setup, operation data output, check (print)		Data	Setup, adjustment data
	11	Used to check the use frequency of FAX. (send/receive) (Only when FAX is installed.)	Adjustment, setup, operation data output, check (display)	FAX	Data	
23	2	Jam/Trouble data print				
24	10	Used to clear the FAX counter. (After completion of maintenance, this counter must be cleared.) (Only when FAX is installed.)	Data clear	FAX	Counter	
46	12	Used to adjust the print density in the FAX mode (all modes). An adjustment with this simulation affects all the copy density adjustment values. (Only when FAX is installed)	Adjustment		Picture quality	
	13	Used to adjust the print density in the FAX mode (Standard mode). (Only when FAX is installed.)	Adjustment		Picture quality	
	14	Used to adjust the print density in the FAX mode (Fine mode). (Only when FAX is installed.)	Adjustment		Picture quality	
	15	Used to adjust the print density in the FAX mode (Super Fine mode). (Only when FAX is installed.)	Adjustment		Picture quality	
	16	Used to adjust the print density in the FAX mode (Ultra Fine mode). (Only when FAX is installed.)	Adjustment		Picture quality	
56	1	Data transfer				
61	3	Used to adjust laser power (absolute value) in the FAX reception mode. (Only when FAX is installed.)	Adjustment		Operation	

Code		Function (Content)	Purpose	Section	Item	
Main	Sub					
66	1	Used to set the FAX soft switch function. (Used to utilize the FAX soft switch function.)	Setup	FAX		
	2	Used to set the FAX soft switch setup to the default. (Except for the adjustment values)	Data clear	FAX	Data	
	3	Used to check the operations of FAX PWB memory (read/write). (This adjustment is required when replacing the PWB with a new one.)	Operation test, check	FAX	Data	
	4	Used to check the operations of data signal output in the FAX data output mode. (Used to check the MODEM operation.) Send level Max. (Only when FAX is installed.)	Operation test, check	FAX	Operation	
	5	Used to check the operations of data signal output in the FAX data output mode. (Used to check the MODEM operation.)Signals are sent in the send level set with the soft switch. (Only when FAX is installed.)	Operation test, check	FAX	Operation	
	6	Used to print the confidential password. (Used when the confidential password is forgotten.) (Only when FAX is installed.)	User data output, check (display, print)	FAX	Data	
	7	Used to print the image memory data (memory send, receive). (Only when FAX is installed.)	User data output, check (display, print)	FAX	Data	
	8	Used to check the output operation of the FAX sound signals. (Sound output IC operation check) Send level Max. (Only when FAX is installed.)	Operation test, check	FAX	Operation	
	9	Used to check the output operation of the FAX sound signals. (Sound output IC operation check) (Only when FAX is installed.)	Operation test, check	FAX	Operation	
	10	Used to clear all data of image memory (memory send, receive). Confidential data are also cleared. (Only when FAX is installed.)	User data output, check (display, print)	FAX	Data	
	11	Used to check the output operation of FAX G3 mode 300BPS. (Used to check the MODEM operation.) Send level 0dB (Max.) (Only when FAX is installed.)	Operation test, check	FAX	Operation	
	12	Used to check the output operation of FAX G3 mode 300BPS. (Used to check the MODEM operation.) Signals are sent in the send level set with the soft switch. (Only when FAX is installed.)	Operation test, check	FAX	Operation	
	13	Used to enter (set) the number for the FAX dial signal output test. (The dial number signal set with this simulation is outputted in the dial signal output test with SIM 66-14~16) (Only when FAX is installed.)	Setup	FAX	Data	
	14	Used to set the make time in the FAX pulse dial mode (10PPS) and to test the dial signal output. (The dial number signal set with SIM 66-13 is outputted.) Used to check dialing troubles and the operation. (Only when FAX is installed.)	Setup	FAX	Operation	
	15	Used to set the make time in the FAX pulse dial mode (20PPS) and to test the dial signal output. (The dial number signal set with SIM 66-13 is outputted.) Used to check dialing troubles and the operation. (Only when FAX is installed.)	Setup	FAX	Operation	
	16	Used to test the dial signal (DTMF) output in the FAX tone dial mode. (The dial number signal set with SIM 66-13 is outputted.) The send level can be set to an optional level. Dialing troubles and operation.(Only when FAX is installed.)	Setup	FAX	Operation	
	17	Used to test the dial signal (DTMF) output in the Fax tone dial mode. Send level Max. Used to check the operation. (Only when FAX is installed.)	Setup	FAX	Operation	
	18	Used to test the dial signal (DTMF) in the FAX tone dial mode. The send level set with the soft switch is outputted. Used to check the operation. (Only when FAX is installed.)	Setup	FAX	Operation	
	19	Used to backup the Address data into the flash Memory (Option FAX memory:AR-MM9) (Only when FAX is installed.)	Setup	FAX	Operation	
	20	Used to restore the backup data (SIM 66-19) to Address data. (Only when FAX is installed.)	Setup	FAX	Operation	

Code		Function (Content)	Purpose	Section	Item	
Main	Sub					
66	21	Used to print the FAX information (registrations, communication management, file management, system errors, protocol). (Only when FAX is installed.)	Adjustment, setup, operation data output, check (display, print)	FAX	Data	
	23	Used to download the FAX program. (Only when FAX is installed.)	Inhibited	FAX		
	24	Used clear the FAST memory data. (Only when FAX is installed.)	Inhibited	FAX		
	25	Used to register the FAX number for MODEM dial-in. (Only when FAX is installed.)	Inhibited	FAX		
	26	Used to register the external telephone number for MODEM dial-in. (Only when FAX is installed.)	Inhibited	FAX		
	27	Used to register the voice-warp transfer number. (Only when FAX is installed.)(Voice-warp:Japan only)	Inhibited	FAX		
	29	Used to clear the Address data.	Setup	FAX	Operation	
	30	Used to check TEL/LIU status change.	Setup	FAX	Operation	
	31	Used to set the TEL/LIU status.	Setup	FAX	Operation	
	32	Used to check received data.	Inhibited	FAX		
	33	Used to check signal detection.	Inhibited	FAX		
	34	Used to measure and display the communication time.	Setup	FAX	Operation	
	35	Modem program rewriting.(Only when FAX is installed.)	Operation test, check	FAX	Operation	
	36	Used to check I/F between MFPC and MDMC. Check is made in the data line or the command line.	Operation test, check	FAX	Operation	
	39	Registration of FAX destination		FAX		
	42	Used to rewrite the program to the PIC installed in the FAX box. To execute this simulation, FAX program writing must be allowed. (Jumper and DIP switch which differ depending on the model)		FAX		
	43	To execute this simulation, FAX program writing must be allowed. (Jumper and DIP switch which differ depending on the model)The adjustment value of PIC are changed and written. The current setting is highlighted beside the item.		FAX		

5. Detail of simulations

Main code 22

22-5

Purpose	Other
Function (Content)	Used to check the ROM version of each unit (section).
Section	
Item	Software
Operation/Procedure	The version of each ROM is displayed.

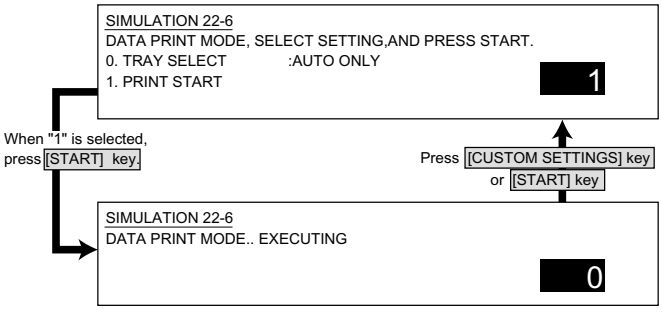
```
SIMULATION 22-5
ROM VERSION DATA DISPLAY.
S/N  :        000000000
MFP :          1.00      (LANGUAGE :  1.00)
PCU :          1.00            BOOT :      1.00
SCANNER :      1.00             FAX :      1.00
FINISHER :     1.00
SADDLE UNIT :  1.00             LCC :      1.00
INSERTER :     1.00
```

<List of display values>

S/N	Engine section serial number
MFP	MFP controller
(LANGUAGE)	(Language version)
BOOT	MFP controller boot ROM
FAX	FAX controller
PCU	PCU controller
SCANNER	Scanner controller
FINISHER	Finisher controller
SADDLE UNIT	Saddle unit
LCC	Side LCC
INSERTER	Inserter

22-6

Purpose	Adjustment, setup, operation data output, check (print)
Function (Content)	Used to print the list of adjustments and setup data (simulations, FAX soft switches, counters).
Section	
Item	Data
Operation/Procedure	The selected data is displayed on the right side of the item.



<List of display values>

0	TRAY SELECT auto only (no selection)
1	PRINT START

22-11

Purpose	Adjustment, setup, operation data output, check (display)
Function (Content)	Used to check the use frequency of FAX. (send/receive) (Only when FAX is installed.)
Section	FAX
Item	Data
Operation/Procedure	The counter data below are displayed.

```
SIMULATION 22-11
FAX COUNTER DATA DISPLAY.
FAX SEND :  ********      FAX RECEIVE :  ********
FAX OUTPUT :  ********
SEND IMAGES :  ********      SEND TIME :  ********:**:**
RECEIVE TIME :  ********:**:**
```

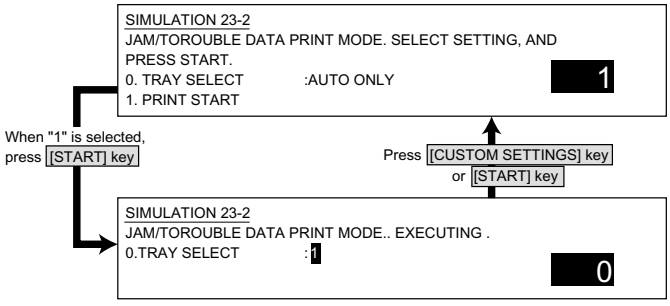
<List of display values>

FAX SEND	Number of times of FAX sending
FAX RECEIVE	Number of times of FAX receiving
FAX OUTPUT	FAX print quantity
SEND IMAGES	Quantity of sending
SEND TIME	Time for sending
RECEIVE TIME	Time for receiving

Main code 23

23-2

Purpose	
Function (Content)	Jam/Trouble data print
Section	
Item	
Operation/Procedure	The current selected data is displayed on the side of the menu.


SIMULATION 23-2
JAM/TOROUBLE DATA PRINT MODE. SELECT SETTING, AND PRESS START.
0. TRAY SELECT :AUTO ONLY
1. PRINT START
1
When "1" is selected, press [START] key
Press [CUSTOM SETTINGS] key or [START] key
SIMULATION 23-2
JAM/TOROUBLE DATA PRINT MODE.. EXECUTING .
0.TRAY SELECT :1
0

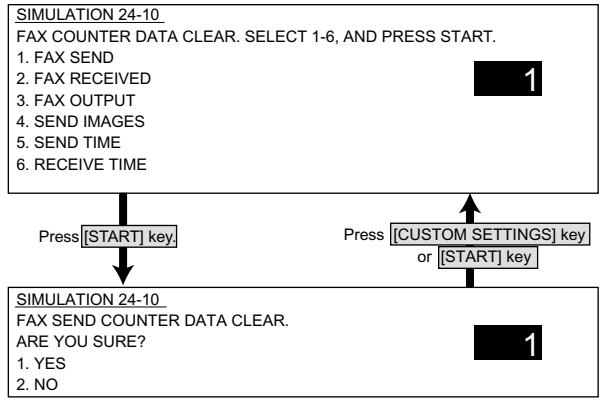
<List of display values>

0	TRAY SELECT (Selection disabled)
1	PRINT START

Main code 24

24-10

Purpose	Data clear
Function (Content)	Used to clear the FAX counter.
Section	FAX
Item	Counter
Operation/Procedure	Select with 10 digit key pad and press START key. The procedure below is executed and the display returns to the original state. 1: Counter is cleared 2: Not cleared



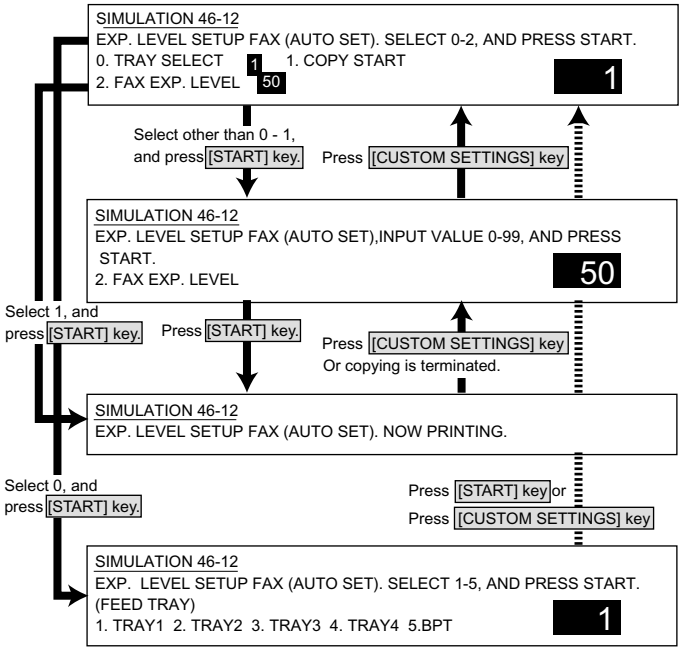
<List of set values>

1	FAX SEND: Number of times of FAX sending
2	FAX RECEIVE: Number of times of FAX reception
3	FAX OUTPUT: FAX print quantity
4	SEND IMAGES: Sending quantity
5	SEND TIME: Time for sending
6	RECEIVE TIME: Time for reception

Main code 46

46-12

Purpose	Adjustment
Function (Content)	Used to adjust the print density in the FAX mode (all modes). An adjustment with this simulation affects all the reading density adjustment values. (Only when FAX is installed)
Section	
Item	Picture quality
Operation/Procedure	The exposure mode to be set is selected. (FAX auto adjustment) 1) The current set value is highlighted on the right side of each item. In this screen, be sure to select "1: COPY START." (Set value: 1) 2) Set the exposure level with 10 digit key pad. Press P to store the set value. (Default: 50, set range: 0 - 99) 3) Press START, and copying is started and the set value is stored. (Display value 1) 4) Select a paper feed tray. (Set value 2)


SIMULATION 46-12
EXP. LEVEL SETUP FAX (AUTO SET). SELECT 0-2, AND PRESS START.
0. TRAY SELECT 1 1. COPY START
2. FAX EXP. LEVEL 50
1
Select other than 0 - 1, and press [START] key.
Press [CUSTOM SETTINGS] key
SIMULATION 46-12
EXP. LEVEL SETUP FAX (AUTO SET),INPUT VALUE 0-99, AND PRESS START.
2. FAX EXP. LEVEL
50
Select 1, and press [START] key.
Press [START] key.
Press [CUSTOM SETTINGS] key
Or copying is terminated.
SIMULATION 46-12
EXP. LEVEL SETUP FAX (AUTO SET). NOW PRINTING.
Select 0, and press [START] key.
Press [START] key or
Press [CUSTOM SETTINGS] key
SIMULATION 46-12
EXP. LEVEL SETUP FAX (AUTO SET). SELECT 1-5, AND PRESS START.
(FEED TRAY)
1. TRAY1 2. TRAY2 3. TRAY3 4. TRAY4 5.BPT
1

<List of set values 1>

0	Paper feed tray selection
1	Copy start (Default)
2	FAX mode exposure setup

<List of display values 1>

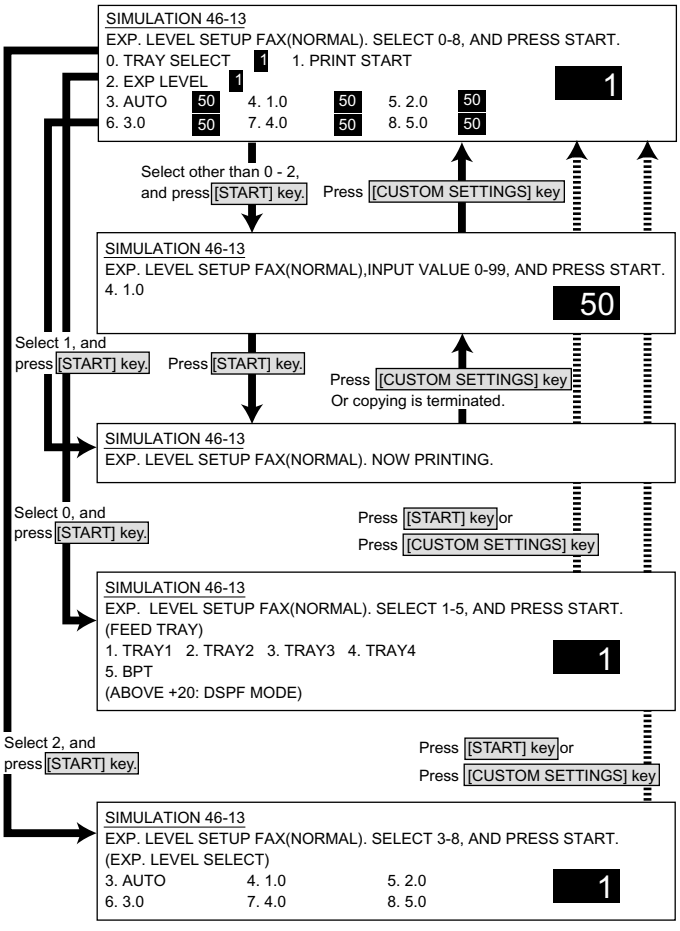
Normal display	"NOW PRINTING"
ERROR display	DOOR OPEN.
	JAM
	PAPER EMPTY.

<List of set values 2>

1	TRAY1
2	TRAY2
3	TRAY3
4	TRAY4
5	Manual feed

46-13

Purpose	Adjustment
Function (Content)	Used to adjust the reading density in the FAX mode (Standard mode). (Only when FAX is installed.)
Section	
Item	Picture quality
Operation/Procedure	The exposure mode to be set is selected. (FAX Standard mode individual adjustment) 1) The current set value is highlighted on the right side of each item. In this screen, be sure to select "1: PRINT START." (Set value: 1) 2) Set the exposure level with 10 digit key pad. Press P to store the set value. (Default: 50, set range: 0 - 99) 3) Press START, and copying is started and the set value is stored. (Display value 1) 4) Select a paper feed tray. (Set value 2) 5) Select an exposure level. (Set value 3)


SIMULATION 46-13
EXP. LEVEL SETUP FAX(NORMAL). SELECT 0-8, AND PRESS START.
0. TRAY SELECT 1 1. PRINT START
2. EXP LEVEL 1
3. AUTO 50 4. 1.0 50 5. 2.0 50
6. 3.0 50 7. 4.0 50 8. 5.0 50
1
Select other than 0 - 2, and press [START] key.
Press [CUSTOM SETTINGS] key
SIMULATION 46-13
EXP. LEVEL SETUP FAX(NORMAL),INPUT VALUE 0-99, AND PRESS START.
4. 1.0
50
Select 1, and press [START] key.
Press [START] key.
Press [CUSTOM SETTINGS] key
Or copying is terminated.
SIMULATION 46-13
EXP. LEVEL SETUP FAX(NORMAL). NOW PRINTING.
Select 0, and press [START] key.
Press [START] key or
Press [CUSTOM SETTINGS] key
SIMULATION 46-13
EXP. LEVEL SETUP FAX(NORMAL). SELECT 1-5, AND PRESS START.
(FEED TRAY)
1. TRAY1 2. TRAY2 3. TRAY3 4. TRAY4
5. BPT
(ABOVE +20: DSPF MODE)
1
Select 2, and press [START] key.
Press [START] key or
Press [CUSTOM SETTINGS] key
SIMULATION 46-13
EXP. LEVEL SETUP FAX(NORMAL). SELECT 3-8, AND PRESS START.
(EXP. LEVEL SELECT)
3. AUTO 4. 1.0 5. 2.0
6. 3.0 7. 4.0 8. 5.0
1

<List of set values 1>

0	Paper feed tray selection
1	Print start (Default)
2	Exposure level selection
3	Auto
4	Exposure level 1
5	Exposure level 2
6	Exposure level 3
7	Exposure level 4
8	Exposure level 5

<List of display values 1>

Normal display	“NOW PRINTING”
ERROR display	DOOR OPEN.
	JAM
	PAPER EMPTY.

<List of set values 2>

1	TRAY1
2	TRAY2
3	TRAY3
4	TRAY4
5	Manual feed

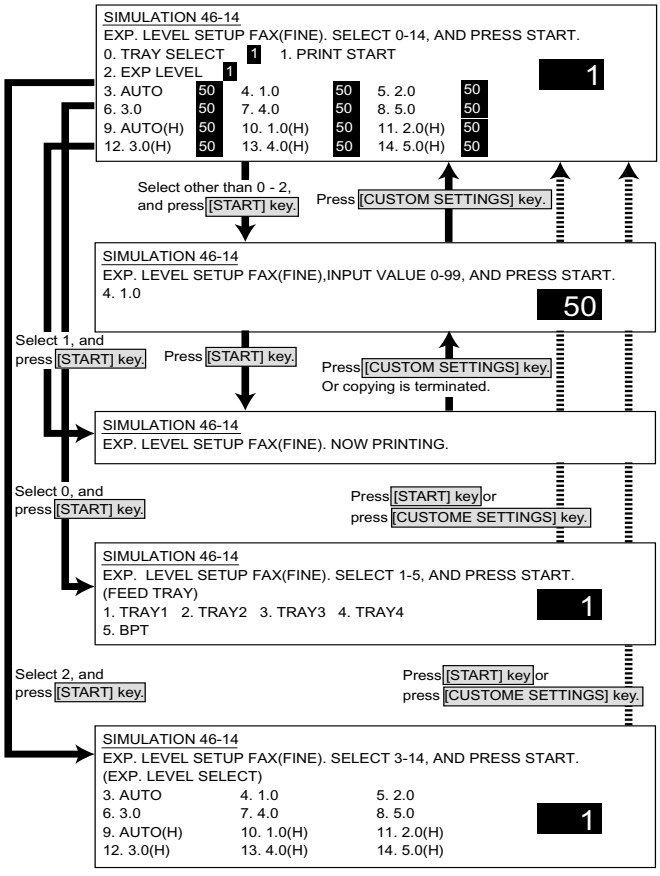
For the above +20, the machine enters the duplex mode (DS), making duplex copy.

<List of set values 3>

3	Auto
4	Exposure level 1
5	Exposure level 2
6	Exposure level 3
7	Exposure level 4
8	Exposure level 5

46-14

Purpose	Adjustment
Function (Content)	Used to adjust the reading density in the FAX mode (Fine mode). (Only when FAX is installed.)
Section	
Item	Picture quality
Operation/Procedure	The exposure mode to be set is selected. (FAX Fine mode individual adjustment) 1) The current set value is highlighted on the right side of each item. In this screen, be sure to select "1: PRINT START." (Set value: 1) 2) Set the exposure level with 10 digit key pad. Press P to store the set value. (Default: 50, set range: 0 - 99) 3) Press START, and copying is started and the set value is stored. (Display value 1) 4) Select a paper feed tray. (Set value 2) 5) Select an exposure level. (Set value 3)


SIMULATION 46-14
EXP. LEVEL SETUP FAX(FINE). SELECT 0-14, AND PRESS START.
0. TRAY SELECT 1 1. PRINT START
2. EXP LEVEL 1
3. AUTO 50 4. 1.0 50 5. 2.0 50
6. 3.0 50 7. 4.0 50 8. 5.0 50
9. AUTO(H) 50 10. 1.0(H) 50 11. 2.0(H) 50
12. 3.0(H) 50 13. 4.0(H) 50 14. 5.0(H) 50
1
Select other than 0 - 2, and press [START] key.
Press [CUSTOM SETTINGS] key.
SIMULATION 46-14
EXP. LEVEL SETUP FAX(FINE),INPUT VALUE 0-99, AND PRESS START.
4. 1.0
50
Select 1, and press [START] key.
Press [START] key.
Press [CUSTOM SETTINGS] key.
Or copying is terminated.
SIMULATION 46-14
EXP. LEVEL SETUP FAX(FINE). NOW PRINTING.
Select 0, and press [START] key.
Press [START] key or press [CUSTOME SETTINGS] key.
SIMULATION 46-14
EXP. LEVEL SETUP FAX(FINE). SELECT 1-5, AND PRESS START.
(FEED TRAY)
1. TRAY1 2. TRAY2 3. TRAY3 4. TRAY4
5. BPT
1
Select 2, and press [START] key.
Press [START] key or press [CUSTOME SETTINGS] key.
SIMULATION 46-14
EXP. LEVEL SETUP FAX(FINE). SELECT 3-14, AND PRESS START.
(EXP. LEVEL SELECT)
3. AUTO 4. 1.0 5. 2.0
6. 3.0 7. 4.0 8. 5.0
9. AUTO(H) 10. 1.0(H) 11. 2.0(H)
12. 3.0(H) 13. 4.0(H) 14. 5.0(H)
1

<List of set values 1>

0	Paper feed selection
1	Print start (Default)
2	Exposure level selection
3	Auto
4	Exposure level 1
5	Exposure level 2
6	Exposure level 3
7	Exposure level 4
8	Exposure level 5

<Half tone>

9	Auto
10	Exposure level 1
11	Exposure level 2
12	Exposure level 3
13	Exposure level 4
14	Exposure level 5

<List of display values 1>

Normal display	“NOW PRINTING”
ERROR display	DOOR OPEN.
	JAM
	PAPER EMPTY.

<List of set values 2>

1	TRAY1
2	TRAY2
3	TRAY3
4	TRAY4
5	Manual feed

<List of set values 3>

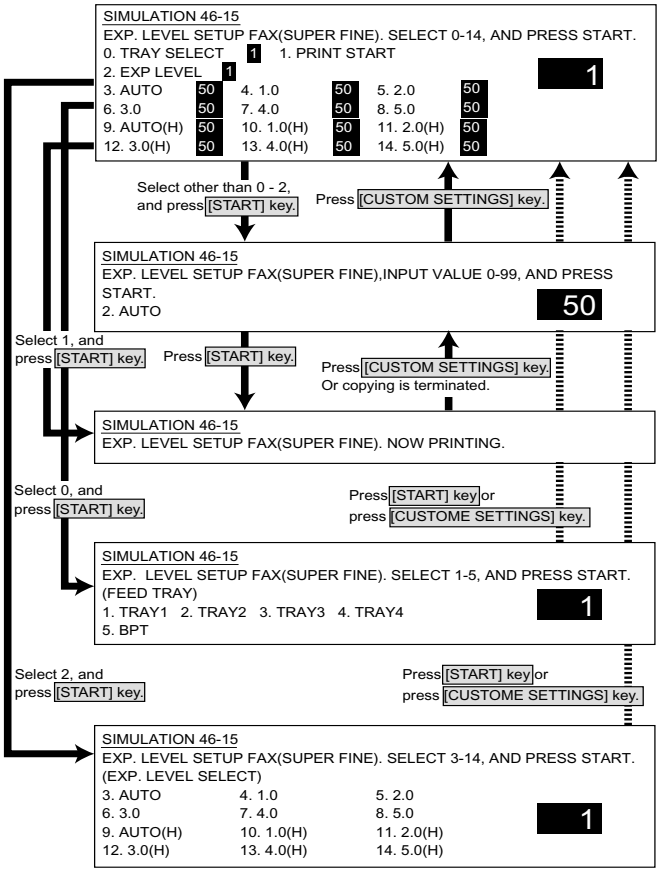
3	Auto
4	Exposure level 1
5	Exposure level 2
6	Exposure level 3
7	Exposure level 4
8	Exposure level 5

<Half tone>

9	Auto
10	Exposure level 1
11	Exposure level 2
12	Exposure level 3
13	Exposure level 4
14	Exposure level 5

46-15

Purpose	Adjustment
Function (Content)	Used to adjust the reading density in the FAX mode (Super Fine mode). (Only when FAX is installed.)
Section	
Item	Picture quality
Operation/Procedure	The exposure mode to be set is selected. (FAX Super Fine mode individual adjustment) 1) The current set value is highlighted on the right side of each item. In this screen, be sure to select "1: PRINT START." (Set value: 1) 2) Set the exposure level with 10 digit key pad. Press P to store the set value. (Default: 50, set range: 0 - 99) 3) Press START, and copying is started and the set value is stored. (Display value 1) 4) Select a paper feed tray. (Set value 2) 5) Select an exposure level. (Set value 3)


SIMULATION 46-15
EXP. LEVEL SETUP FAX(SUPER FINE). SELECT 0-14, AND PRESS START.
0. TRAY SELECT 1 1. PRINT START
2. EXP LEVEL 1
3. AUTO 50 4. 1.0 50 5. 2.0 50
6. 3.0 50 7. 4.0 50 8. 5.0 50
9. AUTO(H) 50 10. 1.0(H) 50 11. 2.0(H) 50
12. 3.0(H) 50 13. 4.0(H) 50 14. 5.0(H) 50
1
Select other than 0 - 2, and press [START] key.
Press [CUSTOM SETTINGS] key.
SIMULATION 46-15
EXP. LEVEL SETUP FAX(SUPER FINE),INPUT VALUE 0-99, AND PRESS START.
2. AUTO
50
Select 1, and press [START] key.
Press [START] key.
Press [CUSTOM SETTINGS] key.
Or copying is terminated.
SIMULATION 46-15
EXP. LEVEL SETUP FAX(SUPER FINE). NOW PRINTING.
Select 0, and press [START] key.
Press [START] key or press [CUSTOME SETTINGS] key.
SIMULATION 46-15
EXP. LEVEL SETUP FAX(SUPER FINE). SELECT 1-5, AND PRESS START.
(FEED TRAY)
1. TRAY1 2. TRAY2 3. TRAY3 4. TRAY4
5. BPT
1
Select 2, and press [START] key.
Press [START] key or press [CUSTOME SETTINGS] key.
SIMULATION 46-15
EXP. LEVEL SETUP FAX(SUPER FINE). SELECT 3-14, AND PRESS START.
(EXP. LEVEL SELECT)
3. AUTO 4. 1.0 5. 2.0
6. 3.0 7. 4.0 8. 5.0
9. AUTO(H) 10. 1.0(H) 11. 2.0(H)
12. 3.0(H) 13. 4.0(H) 14. 5.0(H)
1

<List of set values 1>

0	Paper feed tray selection
1	Print start (Default)
2	Exposure level selection
3	Auto
4	Exposure level 1
5	Exposure level 2
6	Exposure level 3
7	Exposure level 4
8	Exposure level 5

<Half tone>

9	Auto
10	Exposure level 1
11	Exposure level 2
12	Exposure level 3
13	Exposure level 4
14	Exposure level 5

<List of display values 1>

Normal display	“NOW PRINTING”
ERROR display	DOOR OPEN.
	JAM
	PAPER EMPTY.

<List of set values 2>

1	TRAY1
2	TRAY2
3	TRAY3
4	TRAY4
5	Manual feed

<List of set values 3>

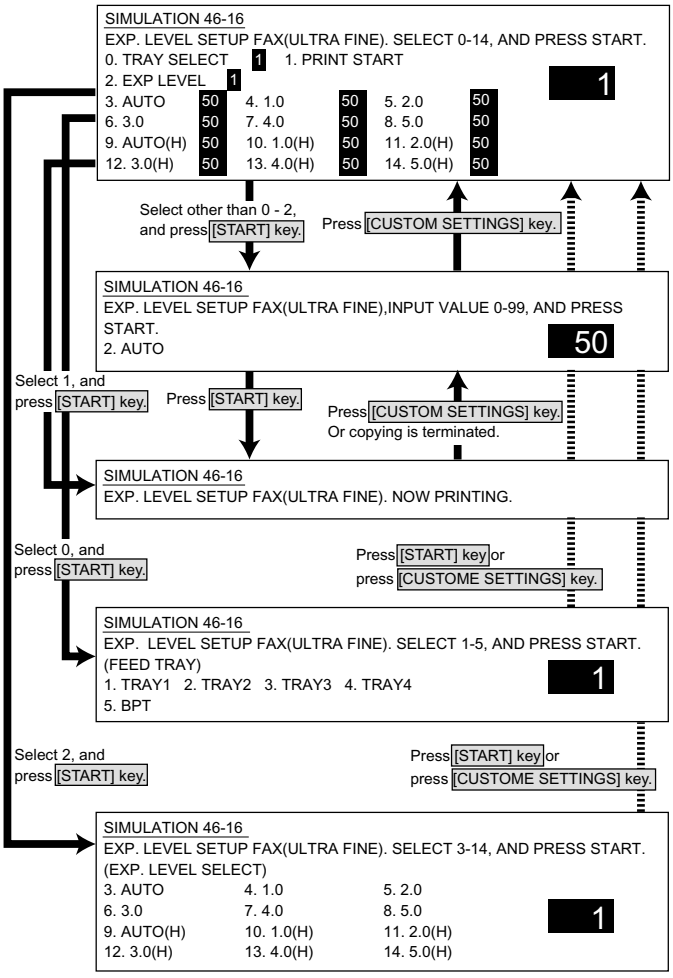
3	Auto
4	Exposure level 1
5	Exposure level 2
6	Exposure level 3
7	Exposure level 4
8	Exposure level 5

<Half tone>

9	Auto
10	Exposure level 1
11	Exposure level 2
12	Exposure level 3
13	Exposure level 4
14	Exposure level 5

46-16

Purpose	Adjustment
Function (Content)	Used to adjust the reading density in the FAX mode (Ultra Fine mode). (Only when FAX is installed.)
Section	
Item	Picture quality
Operation/Procedure	The exposure mode to be set is selected. (FAX Ultra Fine mode individual adjustment) 1) The current set value is highlighted on the right side of each item. In this screen, be sure to select "1: PRINT START." (Set value: 1) 2) Set the exposure level with 10 digit key pad. Press P to store the set value. (Default: 50, set range: 0 - 99) 3) Press START, and copying is started and the set value is stored. (Display value 1) 4) Select a paper feed tray. (Set value 2) 5) Select an exposure level. (Set value 3)


SIMULATION 46-16
EXP. LEVEL SETUP FAX(ULTRA FINE). SELECT 0-14, AND PRESS START.
0. TRAY SELECT 1 1. PRINT START
2. EXP LEVEL 1
3. AUTO 50 4. 1.0 50 5. 2.0 50
6. 3.0 50 7. 4.0 50 8. 5.0 50
9. AUTO(H) 50 10. 1.0(H) 50 11. 2.0(H) 50
12. 3.0(H) 50 13. 4.0(H) 50 14. 5.0(H) 50
1
Select other than 0 - 2, and press [START] key.
Press [CUSTOM SETTINGS] key.
SIMULATION 46-16
EXP. LEVEL SETUP FAX(ULTRA FINE),INPUT VALUE 0-99, AND PRESS START.
2. AUTO
50
Select 1, and press [START] key.
Press [START] key.
Press [CUSTOM SETTINGS] key.
Or copying is terminated.
SIMULATION 46-16
EXP. LEVEL SETUP FAX(ULTRA FINE). NOW PRINTING.
Select 0, and press [START] key.
Press [START] key or press [CUSTOME SETTINGS] key.
SIMULATION 46-16
EXP. LEVEL SETUP FAX(ULTRA FINE). SELECT 1-5, AND PRESS START.
(FEED TRAY)
1. TRAY1 2. TRAY2 3. TRAY3 4. TRAY4
5. BPT
1
Select 2, and press [START] key.
Press [START] key or press [CUSTOME SETTINGS] key.
SIMULATION 46-16
EXP. LEVEL SETUP FAX(ULTRA FINE). SELECT 3-14, AND PRESS START.
(EXP. LEVEL SELECT)
3. AUTO 4. 1.0 5. 2.0
6. 3.0 7. 4.0 8. 5.0
9. AUTO(H) 10. 1.0(H) 11. 2.0(H)
12. 3.0(H) 13. 4.0(H) 14. 5.0(H)
1

<List of set values 1>

0	Paper feed tray selection
1	Print start (Default)
2	Exposure level selection
3	Auto
4	Exposure level 1
5	Exposure level 2
6	Exposure level 3
7	Exposure level 4
8	Exposure level 5

<Half tone>

9	Auto
10	Exposure level 1
11	Exposure level 2
12	Exposure level 3
13	Exposure level 4
14	Exposure level 5

<List of display values 1>

Normal display	“NOW PRINTING”
ERROR display	DOOR OPEN.
	JAM
	PAPER EMPTY.

<List of set values 2>

1	TRAY1
2	TRAY2
3	TRAY3
4	TRAY4
5	Manual feed

<List of set values 3>

3	Auto
4	Exposure level 1
5	Exposure level 2
6	Exposure level 3
7	Exposure level 4
8	Exposure level 5

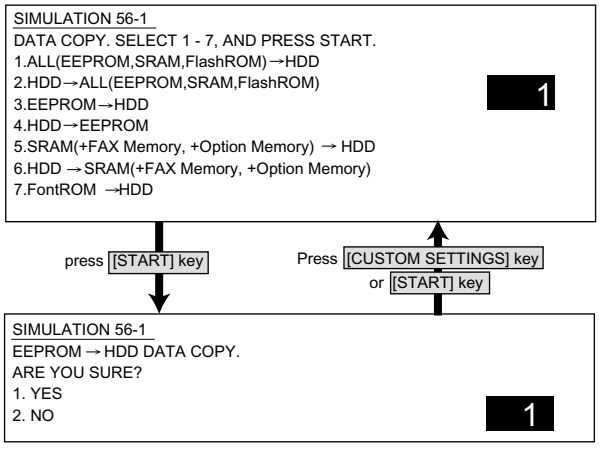
<Half tone>

9	Auto
10	Exposure level 1
11	Exposure level 2
12	Exposure level 3
13	Exposure level 4
14	Exposure level 5

Main code 56

56-1

Purpose	
Function (Content)	Data transfer
Section	
Item	
Operation/Procedure	Used to perform data transfer. Select an item with 10 digit key pad and press START key. The following operation is performed and the display returns to the original state. 1. Data transfer executed 2. Data transfer not executed



<List of display values>

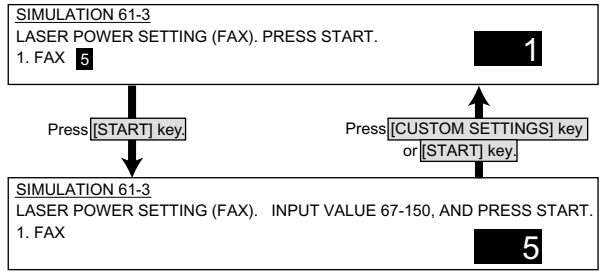
1*	All memory contents are transferred to HDD. (Same operation as 3.5.)
2*	The contents of HDD are transferred to all memory. (Same operation as 4.6.)
3	Transfer from EEPROM to HDD
4	Transfer from HDD to EEPROM
5*	Transfer from SRAM to HDD.If, however, a FAX memory or an option memory (for FAX) is installed, the contents of the FAX memory are also transferred to HDD.
6*	Transfer from HDD to SRAM. If, however, a FAX memory or an option memory (for FAX) is installed, the contents of the FAX memory are also transferred as well as the contents of HDD.
7	Transfer from Font Rom to HDD>

* : When the Flash ROM and the OP.Flash ROM are not installed, transfer is not executed.

Main code 61

61-3

Purpose	Adjustment
Function (Content)	Used to adjust the scanner (exposure) laser power (absolute value) in the FAX reception mode. (Only when FAX is installed.)
Section	PCU
Item	Operation
Operation/Procedure	Set the laser power in FAX operation. Enter the set value and press START to store it. Set range: 1 ~ 165 Default : (45PPM) 104 (35PPM) 88



<List of set values>

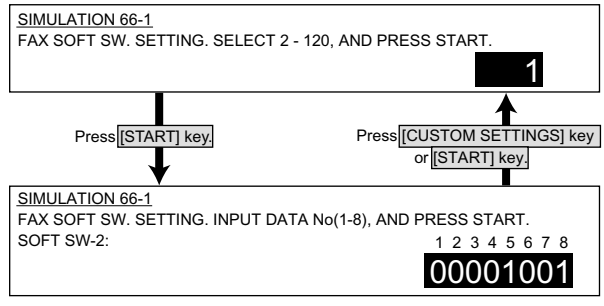
			Initial value	Set range
1	FAX reception	45PPM	104	1 ~ 165
		35PPM	88	

Main code 66

66-1

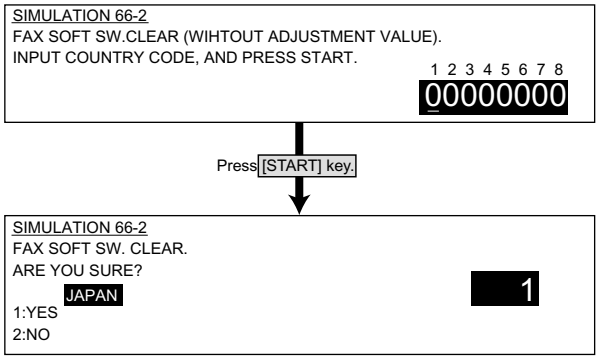
Purpose	Setup
Function (Content)	Used to set the FAX soft switch function. (Used to utilize the FAX soft switch function.)
Section	FAX
Item	
Operation/Procedure	Set the Fax soft switch. (For details of the soft SW, refer to the AR-FX12 Specifications.) SW1 cannot be changed with this simulation. Entry of 1 - 8 only is effective. 1) Specify the bit to be changed (highlighted) with a number. 2) Press START to rewrite the setting.

* SIM 1 cannot be changed with this simulation.


SIMULATION 66-1
FAX SOFT SW. SETTING. SELECT 2 - 120, AND PRESS START.
1
Press [START] key.
Press [CUSTOM SETTINGS] key
or [START] key.
SIMULATION 66-1
FAX SOFT SW. SETTING. INPUT DATA No(1-8), AND PRESS START.
SOFT SW-2:
1 2 3 4 5 6 7 8
00001001

66-2

Purpose	Data clear
Function (Content)	Used to set the FAX soft switch setup to the default. (Except for the adjustment values)
Section	FAX
Item	Data
Operation/Procedure	The current set value of SW1 is displayed. Entry of 1 ~ 8 is effective. 1) Specify the bit to be changed (highlighted) with a number. 2) Select the country code, and press START to rewrite the setting. For the country code, refer to the table below. An entry other than the specified codes is accepted as Japan. * Conforms to Recommendations T.35. 3) Select a number with 10 digit key pad and press START key to execute. 4) The soft switch (excluding the FAX adjustment value) corresponding to the selected country code is cleared. 1: FAX soft SW clear 2: Not clear 5) The selected country is highlighted.



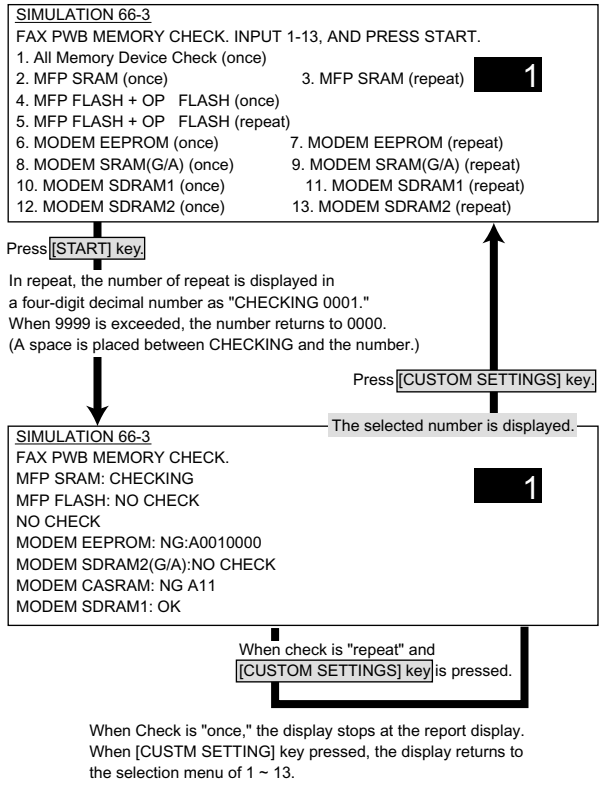
<Country codes>

U.S.A	1	0	1	1	0	1	0	1

* Conforms to Advisory Document T.35.

66-3

Purpose	Operation test, check
Function (Content)	Used to check the operations of FAX PWB memory (read/write). (This adjustment is required when replacing the PWB with a new one.)
Section	FAX
Item	Data
Operation/Procedure	Select an item and press START key to execute. The display goes to the next menu. When "1. All Memory Device Check" is selected, all memory devices are checked only once. The error occurring address or the data line is displayed for each item. When an item with "repeat" is selected, the result is displayed as "NG" or execution is continued until [CUSTOM SETTINGS]) or ([CA] key) is pressed.


SIMULATION 66-3
FAX PWB MEMORY CHECK. INPUT 1-13, AND PRESS START.
1. All Memory Device Check (once)
2. MFP SRAM (once)
3. MFP SRAM (repeat)
1
4. MFP FLASH + OP FLASH (once)
5. MFP FLASH + OP FLASH (repeat)
6. MODEM EEPROM (once)
7. MODEM EEPROM (repeat)
8. MODEM SRAM(G/A) (once)
9. MODEM SRAM(G/A) (repeat)
10. MODEM SDRAM1 (once)
11. MODEM SDRAM1 (repeat)
12. MODEM SDRAM2 (once)
13. MODEM SDRAM2 (repeat)
Press [START] key.
In repeat, the number of repeat is displayed in a four-digit decimal number as "CHECKING 0001."
When 9999 is exceeded, the number returns to 0000.
(A space is placed between CHECKING and the number.)
Press [CUSTOM SETTINGS] key.
The selected number is displayed.
SIMULATION 66-3
FAX PWB MEMORY CHECK.
MFP SRAM: CHECKING
MFP FLASH: NO CHECK
NO CHECK
MODEM EEPROM: NG:A0010000
MODEM SDRAM2(G/A):NO CHECK
MODEM CASRAM: NG A11
MODEM SDRAM1: OK
1
When check is "repeat" and [CUSTOM SETTINGS] key is pressed.
When Check is "once," the display stops at the report display.
When [CUSTM SETTING] key pressed, the display returns to the selection menu of 1 ~ 13.

<List of display values>

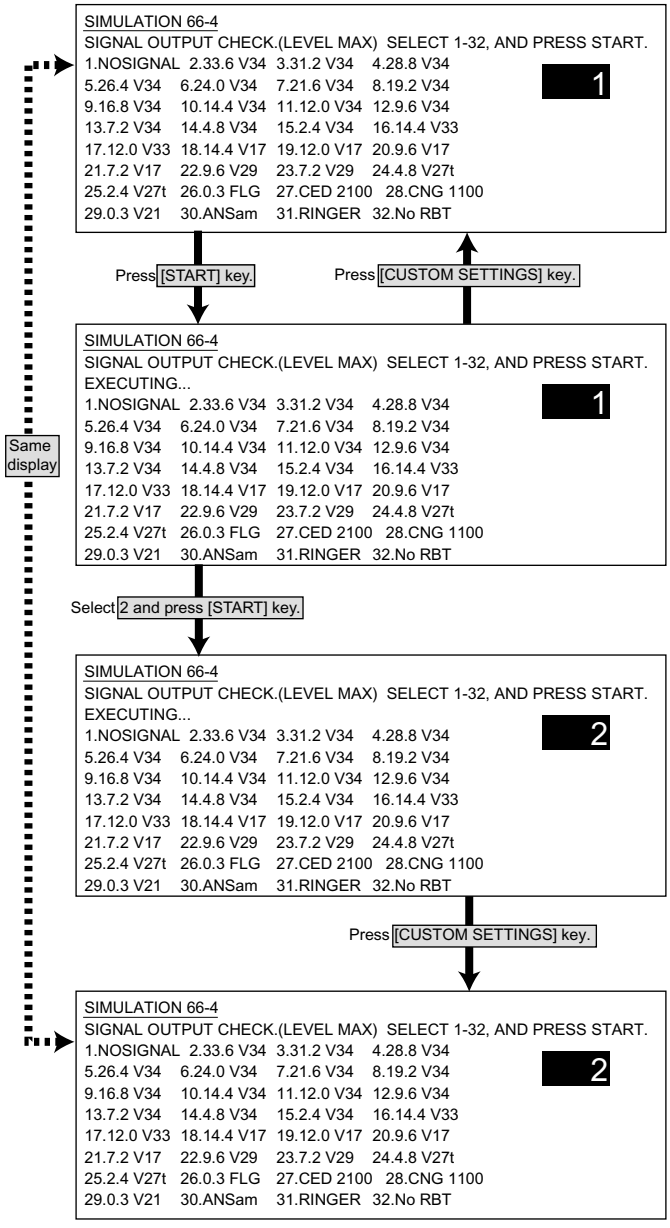
NO CHECK	Not checked
CHECKING	Checking
OK	Check complete OK
NG	Check error

<Items>

MFP SRAM (MFP control PWB)	SRAM
MFP FLASH (FAX I/F PWB)	FLASH Memory
MFP OP.FLASH (FAX I/F PWB)	FLASH Memory (AR-MM9)
MODEM EEPROM (FAX PWB)	
MODEM SRAM(G/A) (FAX PWB)	
MODEM SDRAM1 (FAX PWB)	
MODEM SDRAM 2(FAX PWB)	

66-4

Purpose	Operation test, check
Function (Content)	Used to check the operations of data signal output in the FAX data output mode. (Used to check the MODEM operation.) Send level 0db (Max.) (Only when FAX is installed.)
Section	FAX
Item	Operation
Operation/Procedure	Signal output check (level Max.) When CUSTOM SETTING is pressed during execution of this simulation, execution is stopped. Enter a number and press START to change the kind of signal.

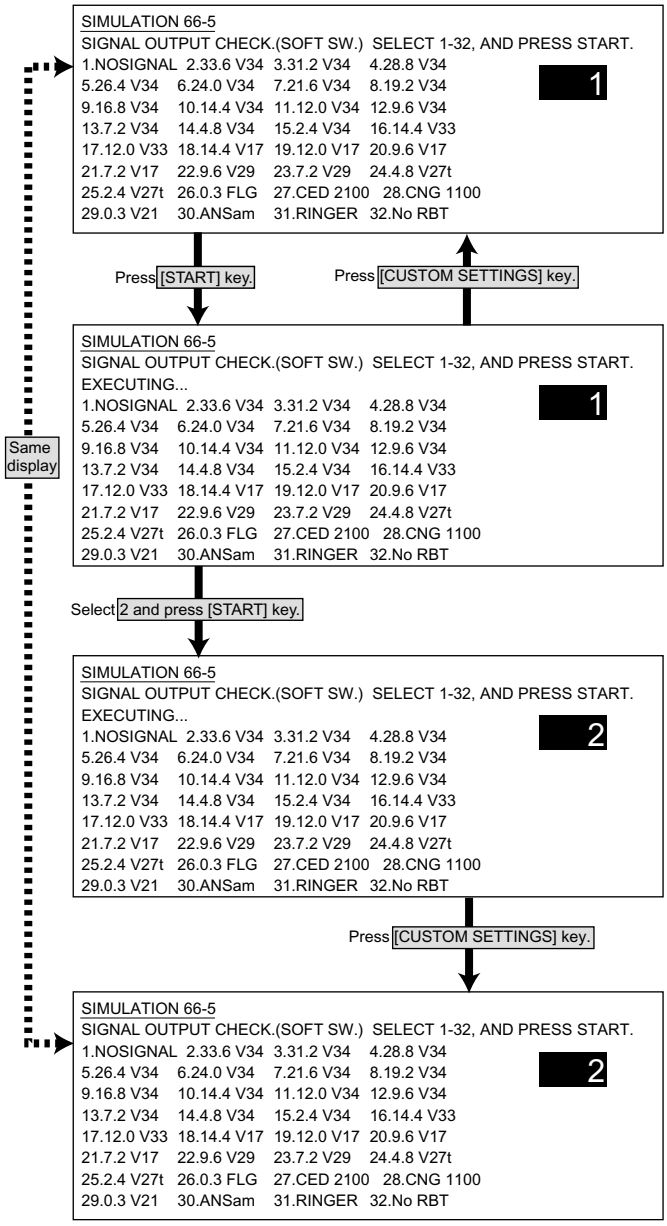


<List of set values>

1	No signal	17	12.0 V33
2	26.4 V34	18	14.4 V17
3	31.2 V34	19	12.0 V17
4	28.8 V34	20	9.6 V17
5	26.4 V34	21	7.2 V17
6	24.0 V34	22	9.6 V29
7	21.6 V34	23	7.2 V29
8	19.2 V34	24	4.8 V27t
9	16.8 V34	25	2.4 V27t
10	14.4 V34	26	0.3 FLG
11	12.0 V34	27	CED2100
12	9.6 V34	28	CNG1100
13	7.2 V34	29	0.3 V21
14	4.8 V34	30	ANSam
15	2.4 V34	31	RINGER
16	14.4 V33	32	No RBT

66-5

Purpose	Operation test, check
Function (Content)	Used to check the operations of data signal output in the FAX data output mode. (Used to check the MODEM operation.) Signals are sent in the send level set with the soft switch. (Only when FAX is installed.)
Section	FAX
Item	Operation
Operation/Procedure	Signal output check (Send level is set with the soft SW.) When CUSTOM SETTING is pressed during execution of this simulation, execution is stopped. Enter a number and press START to change the kind of signal.

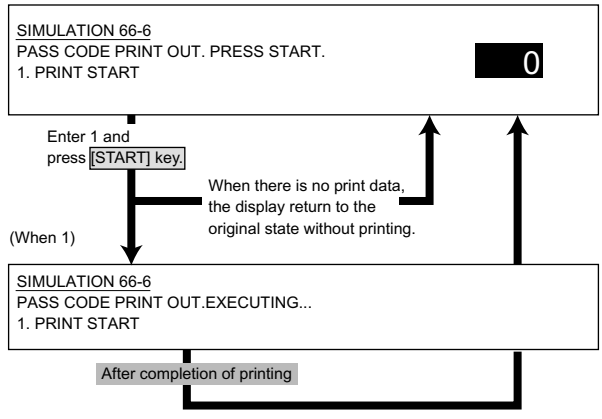


<List of set values>

1	No signal	17	12.0 V33
2	26.4 V34	18	14.4 V17
3	31.2 V34	19	12.0 V17
4	28.8 V34	20	9.6 V17
5	26.4 V34	21	7.2 V17
6	24.0 V34	22	9.6 V29
7	21.6 V34	23	7.2 V29
8	19.2 V34	24	4.8 V27t
9	16.8 V34	25	2.4 V27t
10	14.4 V34	26	0.3 FLG
11	12.0 V34	27	CED2100
12	9.6 V34	28	CNG1100
13	7.2 V34	29	0.3 V21
14	4.8 V34	30	ANSam
15	2.4 V34	31	RINGER
16	14.4 V33	32	No RBT

66-6

Purpose	User data output, check (display, print)
Function (Content)	Used to print the confidential pass code. (Used when the confidential pass code is forgotten.) (Only when FAX is installed.)
Section	FAX
Item	Data
Operation/Procedure	The confidential pass code is printed. The currently selected data is displayed on the side of menu. Paper is automatically selected with the size stored in the image memory.

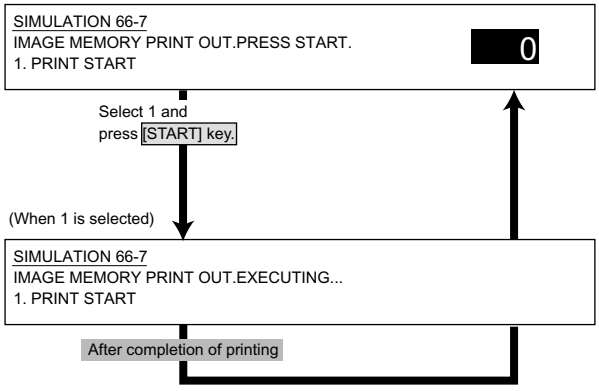

SIMULATION 66-6
PASS CODE PRINT OUT. PRESS START.
1. PRINT START
0
Enter 1 and press [START] key.
When there is no print data, the display return to the original state without printing.
(When 1)
SIMULATION 66-6
PASS CODE PRINT OUT.EXECUTING...
1. PRINT START
After completion of printing

<Set value>

1	Print start

66-7

Purpose	User data output, check (display, print)
Function (Content)	Used to print the image memory data (memory send, receive). (Only when FAX is installed.
Section	FAX
Item	Data
Operation/Procedure	The content of image memory is printed. The paper size is automatically selected with the paper size stored in the image memory.

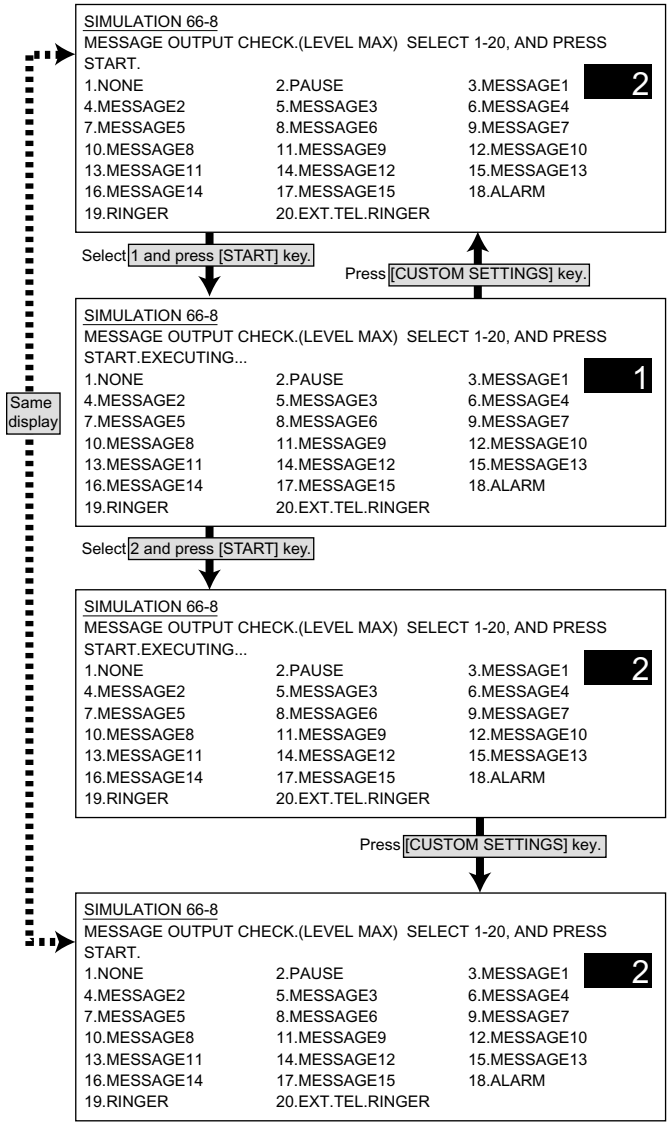


<Set value>

1	Print start

66-8

Purpose	Operation test, check
Function (Content)	Used to check the output operation of the FAX sound signals. (Sound output IC operation check) Send level Max. (Only when FAX is installed.)
Section	FAX
Item	Operation
Operation/Procedure	A voice message is outputted. (Level Max.) Enter a number during execution to change the kind of signal. Press START to start sending a voice message. Press CUSTOM SETTINGS to terminate.

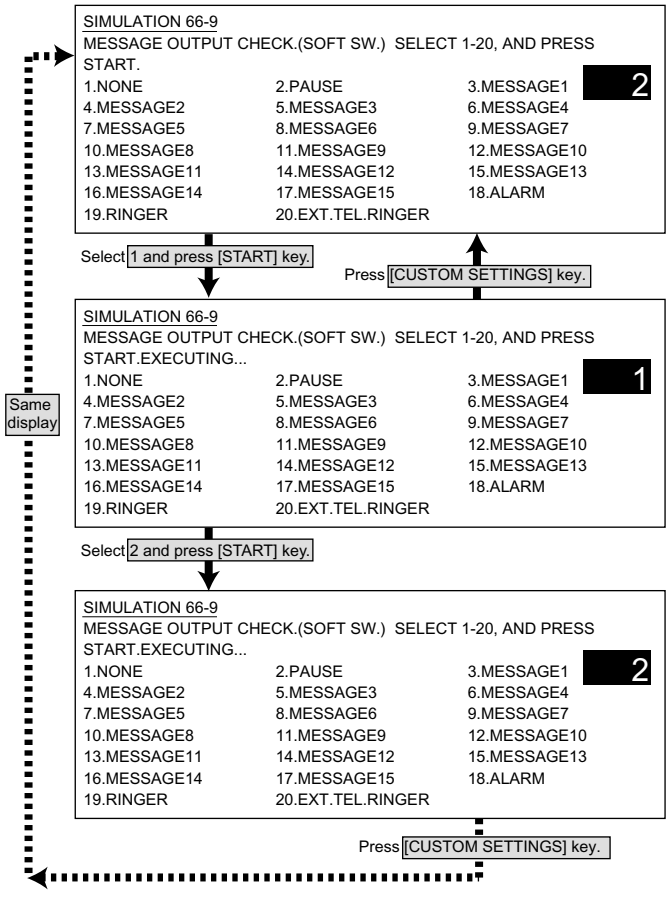


<List of set values>

1	NONE	NONE
2	PAUSE	PAUSE
3	MESSAGE1	MESSAGE1
4	MESSAGE2	MESSAGE2
5	MESSAGE3	MESSAGE3
6	MESSAGE4	MESSAGE4
7	MESSAGE5	MESSAGE5
8	MESSAGE6	MESSAGE6
9	MESSAGE7	MESSAGE7
10	MESSAGE8	MESSAGE8
11	MESSAGE9	MESSAGE9
12	MESSAGE10	MESSAGE10
13	MESSAGE11	MESSAGE11
14	MESSAGE12	MESSAGE12
15	MESSAGE13	MESSAGE13
16	MESSAGE14	MESSAGE14
17	MESSAGE15	MESSAGE15
18	ALARM	ALARM
19	RINGER	RINGER
20	EXT.TEL.RINGER	EXT.TEL.RINGER

66-9

Purpose	Operation test, check
Function (Content)	Used to check the output operation of the FAX sound signals. (Sound output IC operation check) (Only when FAX is installed.)
Section	FAX
Item	Operation
Operation/Procedure	A voice message is outputted. (Send level is set with SW.) Enter a number during execution to change the kind of signal. Press START to start sending a voice message. Press CUSTOM SETTINGS to terminate.

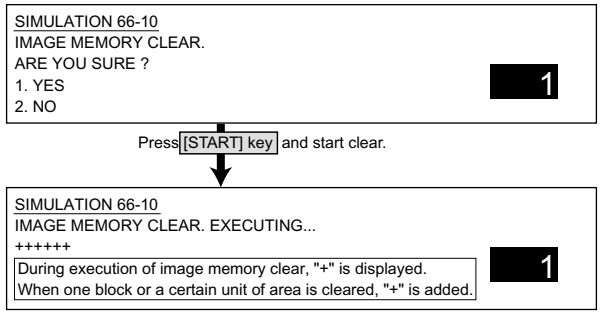


<List of set values>

1	NONE	NONE
2	PAUSE	PAUSE
3	MESSAGE1	MESSAGE1
4	MESSAGE2	MESSAGE2
5	MESSAGE3	MESSAGE3
6	MESSAGE4	MESSAGE4
7	MESSAGE5	MESSAGE5
8	MESSAGE6	MESSAGE6
9	MESSAGE7	MESSAGE7
10	MESSAGE8	MESSAGE8
11	MESSAGE9	MESSAGE9
12	MESSAGE10	MESSAGE10
13	MESSAGE11	MESSAGE11
14	MESSAGE12	MESSAGE12
15	MESSAGE13	MESSAGE13
16	MESSAGE14	MESSAGE14
17	MESSAGE15	MESSAGE15
18	ALARM	ALARM
19	RINGER	RINGER
20	EXT.TEL.RINGER	EXT.TEL.RINGER

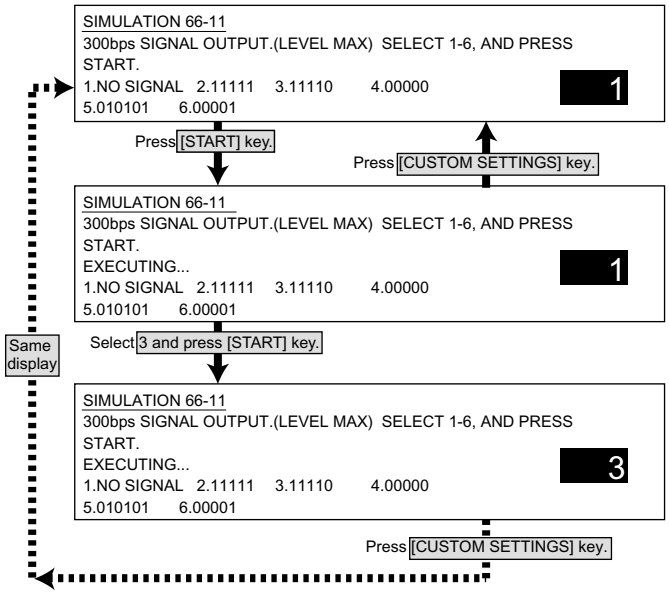
66-10

Purpose	User data output, check (display, print)
Function (Content)	Used to clear all data of image memory (memory send, receive). Confidential data are also cleared. (Only when FAX is installed.)
Section	FAX
Item	Data
Operation/Procedure	The FAX image memory is cleared. 1) Select an item with 10 digit key pad and press START. The following is executed and the display returns to the initial state. 1: Image memory clear 2: Not clear Only the Flash ROM area is cleared. 2) After completion of memory clear, reset.



66-11

Purpose	Operation test, check
Function (Content)	Used to check the output operation of FAX G3 mode 300BPS. (Used to check the MODEM operation.) Send level Max. (Only when FAX is installed.)
Section	FAX
Item	Operation
Operation/Procedure	A signal of 300bps is outputted. (Level Max.) Enter a number during execution to change the kind of signal. Press START to start sending a voice message. Press CUSTOM SETTINGS to terminate.

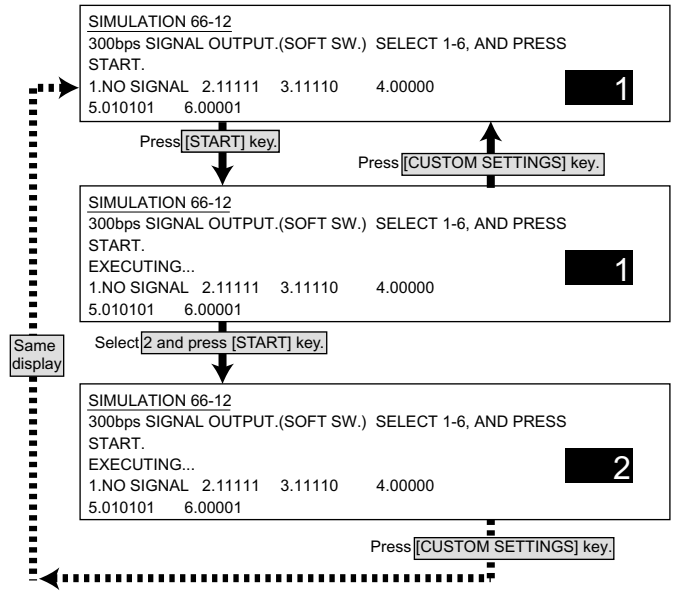


<List of set values>

1	NO SIGNAL	No signal
2	11111	
3	11110	
4	00000	
5	010101	
6	00001	

66-12

Purpose	Setup
Function (Content)	Used to check the output operation of FAX G3 mode 300BPS. (Used to check the MODEM operation.) Signals are sent in the send level set with the soft switch. (Only when FAX is installed.)
Section	FAX
Item	Operation
Operation/Procedure	A signal of 300bps is outputted. (Send level is set with soft SW.) Enter a number during execution to change the kind of signal. Press CUSTOM SETTINGS to terminate.

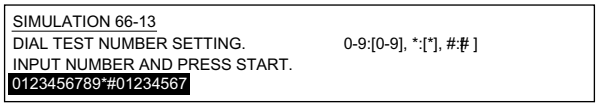


<List of set values>

1	NO SIGNAL	No signal
2	11111	
3	11110	
4	00000	
5	010101	
6	00001	

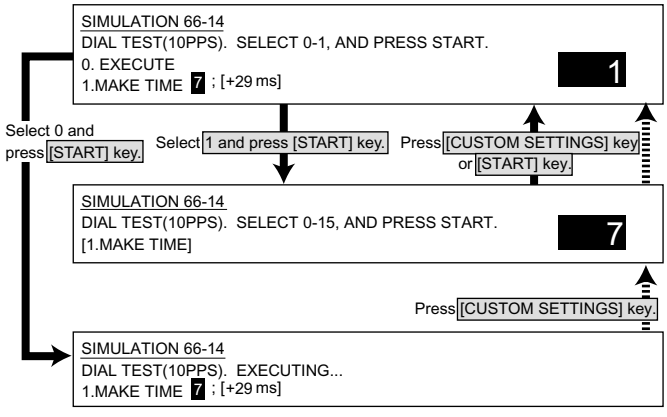
66-13

Purpose	Setup
Function (Content)	Used to enter (set) the number for the FAX dial signal output test. (The dial number signal set with this simulation is outputted in the dial signal output test with SIM 66-14~16) (Only when FAX is installed.)
Section	FAX
Item	Data
Operation/Procedure	The dial test number is set. Enter a number with 10 digit key pad, * key, and # key. The upper limit is 20 digits. Press CLEAR to return to the initial state. Press START to register.



66-14

Purpose	Setup
Function (Content)	Used to set the make time in the FAX pulse dial mode (10PPS) and to test the dial signal output. (The dial number signal set with SIM 66-13 is outputted.) Used to check dialing troubles and the operation. (Only when FAX is installed.)
Section	FAX
Item	Operation
Operation/Procedure	The dial test is performed. (10PPS output) The make time is set. (Set range : 0-15) When CUSTOM SETTING is pressed, the execution is terminated.


SIMULATION 66-14
DIAL TEST(10PPS). SELECT 0-1, AND PRESS START.
0. EXECUTE
1.MAKE TIME 7 ; [+29 ms]
1
Select 0 and press [START] key.
Select 1 and press [START] key.
Press [CUSTOM SETTINGS] key or [START] key.
SIMULATION 66-14
DIAL TEST(10PPS). SELECT 0-15, AND PRESS START.
[1.MAKE TIME]
7
Press [CUSTOM SETTINGS] key.
SIMULATION 66-14
DIAL TEST(10PPS). EXECUTING...
1.MAKE TIME 7 ; [+29 ms]

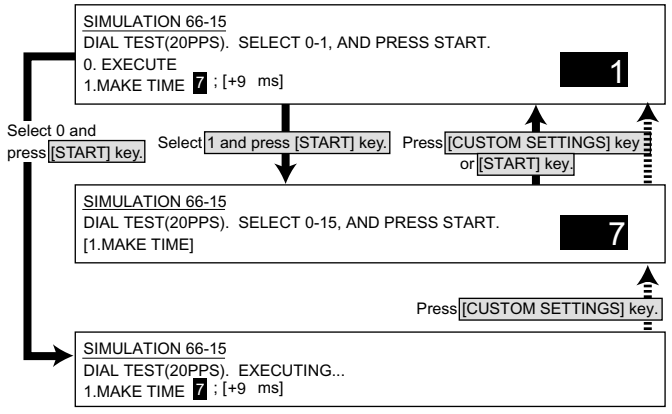
<List of set values>

0	Execution
1	Dial pulse make time setup (0 - 15)

* Dial is send with the setup value of +29ms.

66-15

Purpose	Setup
Function (Content)	Used to set the make time in the FAX pulse dial mode (20PPS) and to test the dial signal output. (The dial number signal set with SIM 66-13 is outputted.) Used to check dialing troubles and the operation. (Only when FAX is installed.)
Section	FAX
Item	Operation
Operation/Procedure	The dial test is performed. (20PPS output) The make time is set. (Set range : 0-15) When CUSTOM SETTINGS is pressed, the execution is terminated.


SIMULATION 66-15
DIAL TEST(20PPS). SELECT 0-1, AND PRESS START.
0. EXECUTE
1.MAKE TIME 7 ; [+9 ms]
1
Select 0 and press [START] key.
Select 1 and press [START] key.
Press [CUSTOM SETTINGS] key or [START] key.
SIMULATION 66-15
DIAL TEST(20PPS). SELECT 0-15, AND PRESS START.
[1.MAKE TIME]
7
Press [CUSTOM SETTINGS] key.
SIMULATION 66-15
DIAL TEST(20PPS). EXECUTING...
1.MAKE TIME 7 ; [+9 ms]

<List of set values>

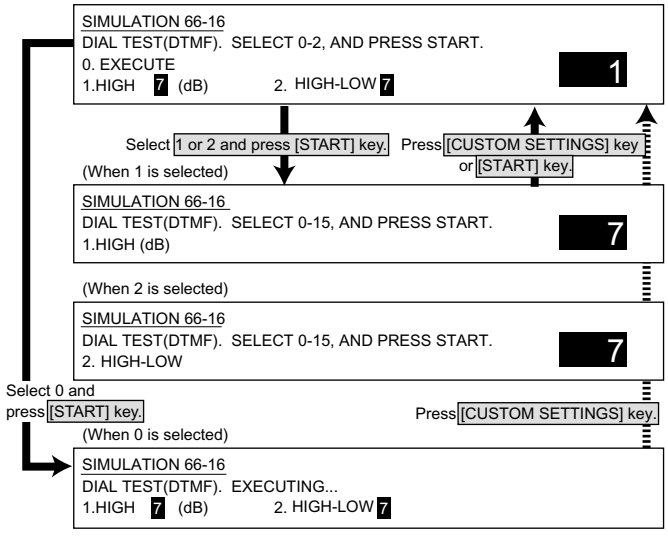
0	Execution
1	Dial pulse make time setup (0 - 15)

* Dial is send with the setup value of +9ms.

66-16

Purpose	Setup
Function (Content)	Used to test the dial signal (DTMF) output in the FAX tone dial mode. (The dial number signal set with SIM 66-13 is outputted.) The send level can be set to an optional level. Used to check dialing troubles and the operation.
Section	FAX
Item	Operation
Operation/Procedure	The dial test is performed. (DTMF signal output) 1) The level (dB) setup is made. (Set range: 0 - 15dB) 2) The difference between high group and low group is set. (Set range: 0 - 15) 3) When CUSTOM SETTING is pressed, the execution is terminated.

* For the set value, refer to the soft SW specifications.



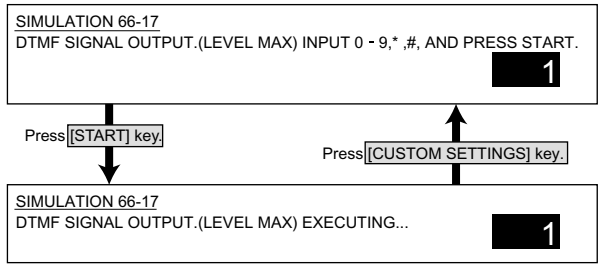
<List of set values>

0		Execution
1	HIGH	High group level
2	HIGH-LOW	High group - low group

For the set values, refer to the soft SW specifications.

66-17

Purpose	Setup
Function (Content)	Used to test the dial signal (DTMF) output in the Fax tone dial mode. Send level Max. Used to check the dial IC operation. (Only when FAX is installed.)
Section	FAX
Item	Operation
Operation/Procedure	The DTMF signal output is checked. (Output level 0) When CUSTOM SETTING is pressed, the execution is terminated.

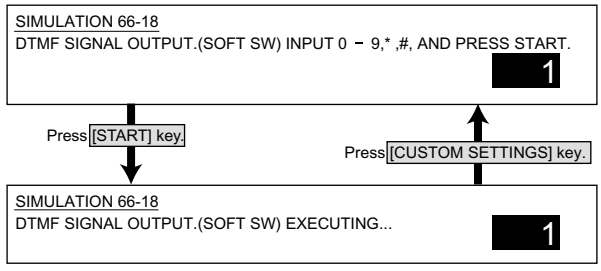


<DTMF signal>

1 - 9, 0, *, #

66-18

Purpose	Setup
Function (Content)	Used to test the dial signal (DTMF) output in the Fax tone dial mode. The send level set with the soft switch is outputted. Used to check the dial IC operation. (Only when FAX is installed.)
Section	FAX
Item	Operation
Operation/Procedure	The DTMF signal output is checked. (Output level is set with soft SW.) When CUSTOM SETTING is pressed, the execution is terminated.

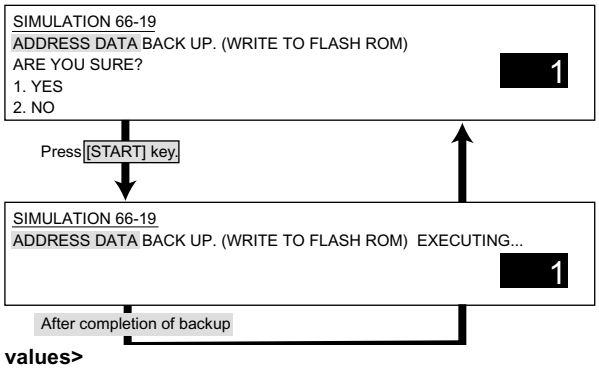


<DTMF signal>

1 - 9, 0, *, #

66-19

Purpose	Setup
Function (Content)	Used to backup the Address data (Set values of rapid key dialing) into the flash Memory (AR-MM9). (When FAX is installed and FAX extended memory is installed.)
Section	FAX
Item	Operation
Operation/Procedure	Address data is backed up into Flash ROM. **Contents of backup data** •One-touch •FTP expansion •Group expansion •Program •User index •Standard sender •I-FAX sender registration •Polling allow number •Memory box •Sender's name •FAX sender •Subject •File name •FAX receive select table •iFAX receive YES/NO The data other than the above are not backed up.

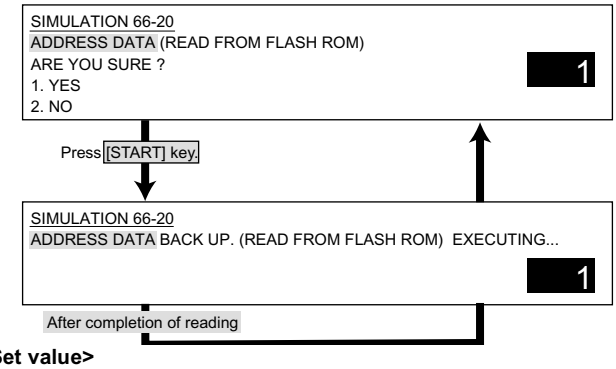


<Set values>

1	Backup executed
2	No backup

66-20

Purpose	Setup
Function (Content)	Used to restore the backup data (SIM 66-19) to Address data. (When FAX is installed and FAX extended memory is installed.)
Section	FAX
Item	Operation
Operation/Procedure	Address data backed up with SIM 66-19 are read from the option Flash ROM and written into the machine. However, data backed up in the Tiger series cannot be restored to the machine. If an option Flash ROM backed up in the Tiger series is installed, the data in the option Flash ROM are deleted.

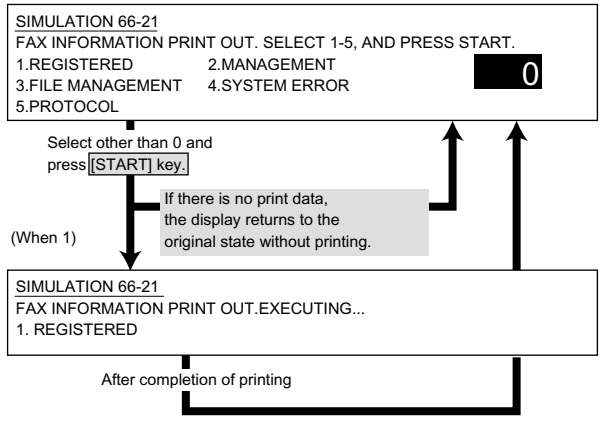


<Set value>

1	Read/Write executed
2	Read/Write not executed

66-21

Purpose	Adjustment, setup, operation data output, check (display, print)
Function (Content)	Used to print the FAX information (registrations, communication management, file management, system errors). (Only when FAX is installed.)
Section	FAX
Item	Data
Operation/Procedure	Information related to FAX is printed. 1) Enter the number corresponding to the information(item) to be printed with 10-key. 2) Press [start] key.



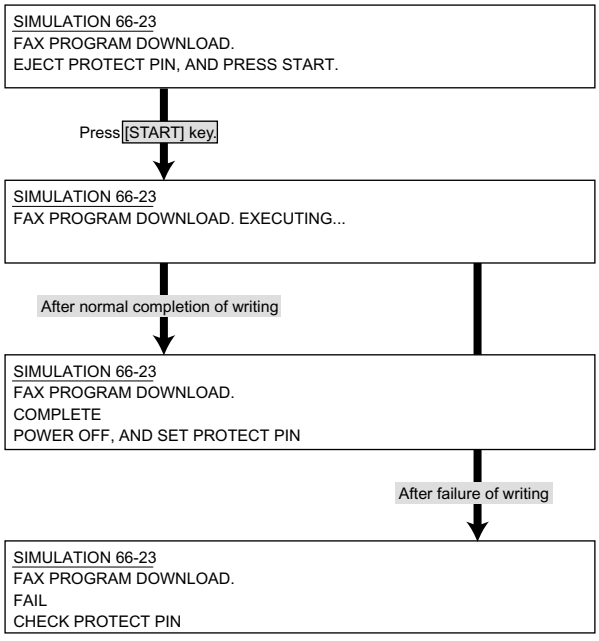
<List of set values>

1	REGISTERED	Various registered information
2	MANAGEMENT	Communication management information
3	FILE MANAGEMENT	File management information
4	SYSTEM ERROR	System error information
5	PROTOCOL	Protocol information

66-23

Purpose	Operation test, check
Function (Content)	Used to download the FAX program. (Only when FAX is installed.)
Section	FAX
Item	Operation
Operation/Procedure	The contents of ROM in the option memory (AR-MM9) installing section are copied as FAX program.

(This mode is for development, and inhibited in the market.)



66-24

Purpose	Operation test, check
Function (Content)	Used to clear the FAST memory data. (Only when FAX is installed.)
Section	FAX
Item	Operation
Operation/Procedure	1) Select with 10 digit key pad, press START to execute the following. 1: Fast memory data clear 2: Not clear

SIMULATION 66-24
FAST MEMORY DATA CLEAR.
ARE YOU SURE ?
1. YES
2. NO

66-29

Purpose	Setup
Function (Content)	Used to clear the Address data.
Section	FAX, NWS
Item	Operation
Operation/Procedure	1) Select with 10 digit key pad and press START to execute the following. 1: Address data clear 2: Address data not clear

SIMULATION 66-29
ADDRESS DATA CLEAR.
ARE YOU SURE ?
1. YES
2. NO
1

66-30

Purpose	Setup
Function (Content)	Used to check TEL/LIU status change. (Only when FAX is installed.)
Section	FAX
Item	Operation
Operation/Procedure	The TEL/LIU status can be checked. The display is highlighted when the status is changed.

SIMULATION 66-30
TEL/LIU SENSOR CHECK.
HS1 HS2 RHS EXHS

<List of set values>

HS1	Polarity reverse signal
HS2	Polarity reverse signal
RHS	Handset hook SW
EXHS	External telephone hook SW

66-31

Purpose	Setup
Function (Content)	Used to set the TEL/LIU status. (Only when FAX is installed.)
Section	FAX
Item	Operation
Operation/Procedure	Entry of only 0 or 1 is effective. Shift the cursor to the bit to enter. Cursor shift keys : ← : * , → : #. The bits are 1, 2, 3, 4, 5, 6, 7, and 8 from the left. The entered bit is highlighted. Press STRT to select the relay.

SIMULATION 66-31
TEL/LIU SETTING.
INPUT 0 - 1, AND PRESS START.
MOVEMENT LEFT: [*] RIGHT: [#]
1 2 3 4 5 6 7 8
1. MPXA 2.CION 3. MR 4. EC
5. S. 6. CML 7. DP 8.
10001100

66-32

Purpose	Setup
Function (Content)	Used to check the received data. (Only when FAX is installed.)
Section	FAX
Item	Operation
Operation/Procedure	The fixed data received from the line are checked.

(This mode is for production check, and inhibited in the market.)

SIMULATION 66-32
RECEIVED DATA CHECK.
CHECKING...(OK or NG)

<Display message>

CHECKING	Checking
OK	Checking complete (Coincided)
NG	Checking end (Not coincided)

66-33

Purpose	Setup
Function (Content)	Used to check signal detection.
Section	FAX
Item	Operation
Operation/Procedure	When the signal is detected, the display is highlighted.

(This mode is for production check, and inhibited in the market.)

SIMULATION 66-33
SIGNAL DETECT CHECK.
BUSY TONE CNG CED FNET DTMF

66-34

Purpose	Setup
Function (Content)	Used to measure and display the communication time.
Section	FAX
Item	Operation
Operation/Procedure	The time spent for communication is measured. Send/receives are performed in the Standard mode. The communication time is displayed with the simulation. (unit: ms)

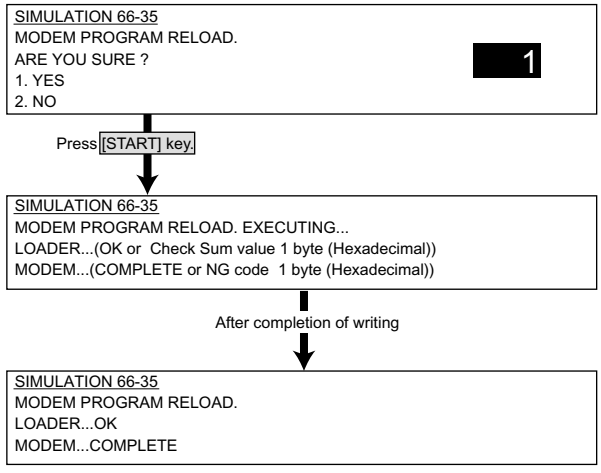
SIMULATION 66-34
COMMUNICATION TIME DISPLAY.
***** ms

<Setup for send>

Communication means	memory transmission
Image quality	Normal
Density	Thin
ECM	ON
Sender record	OFF

66-35

Purpose	Operation test, check
Function (Content)	Modem program rewriting.
Section	FAX
Item	Operation
Operation/Procedure	The modem program in the FAX program is rewritten. 1) Select with 10 digit key pad and press START to execute the following. 1: MODEM program rewrite 2:Not clear 2) Check the loader check sum value. If it is OK, the test is normally completed. If NG, the check sum value (1 byte = hexadecimal) is displayed. 3) If the loader is NG, the MODEM result is also NG. 4) The Modem rewrite result is displayed.

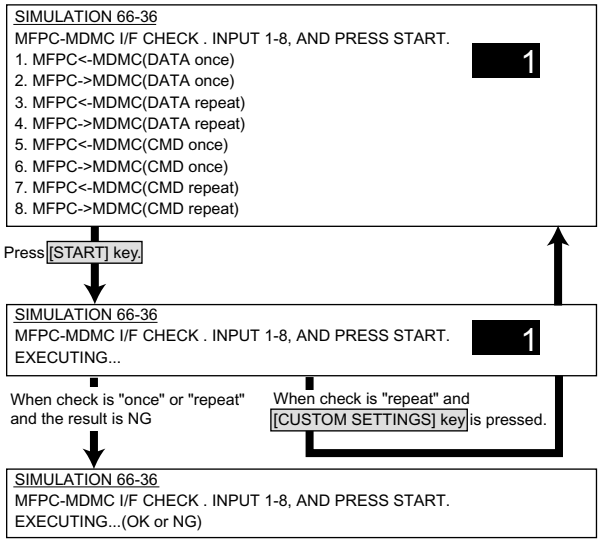


<Result of MODEM writing>

COMPLETE	Writing completed
81	Check sum error
82	Write error
83	Delete error
84	Verify error
NG	Due to loader error

66-36

Purpose	Operation test, check
Function (Content)	Used to check I/F between MFPC and MDMC. Check is made in the data line or the command line.
Section	FAX
Item	Operation
Operation/Procedure	1) Select with 10 digit key pad and press START. 2) When check is "repeat," the operation is executed until the result becomes NG or CUSTOM SETTING is pressed.

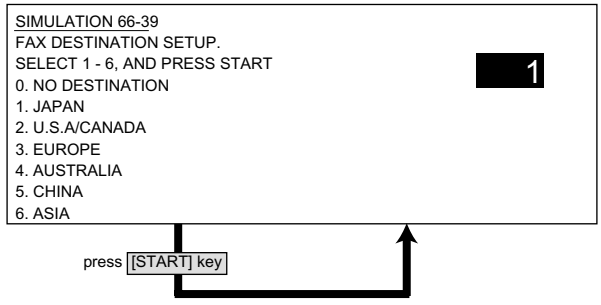


<List of display values>

1	MFPC <- MDMC	Data line once only
2	MFPC -> MDMC	Data line once only
3	MFPC <- MDMC	Data line repeat
4	MFPC -> MDMC	Data line repeat
5	MFPC <- MDMC	Command line once only
6	MFPC -> MDMC	Command line once only
7	MFPC <- MDMC	Command line repeat
8	MFPC -> MDMC	Command line repeat

66-39

Purpose	
Function (Content)	Registration of FAX destination
Section	FAX
Item	
Operation/Procedure	The current destination saved in the EEPROM of FAXBOX is displayed. Entries of 1 - 6 only are valid. Enter the number corresponding to your desired destination. (If no destination is saved in the EERPOM of FAXBOX, "0" is displayed.) 1) Enter the number with the 10-key and press [START] key, and the destination will be written on the FAX.



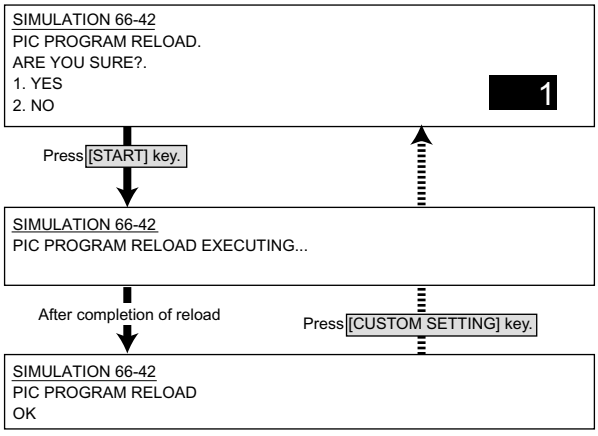
<List of display values>

1	Japan
2	North America
3	Europe (including U.K.)
4	Australia
5	China
6	Asia

66-42

Purpose	
Function (Content)	Used to rewrite the program to the PIC installed in the FAX box.
Section	FAX
Item	
Operation/Procedure	During writing, "EXECUTING" is displayed. When writing is completed, if the process is OK, "OK" is displayed. In case of an error, "NG" is displayed. Possible causes of NG are: •Write protect is set. •PIC is not installed. •Failure in access to PIC

Note: Release write protect.



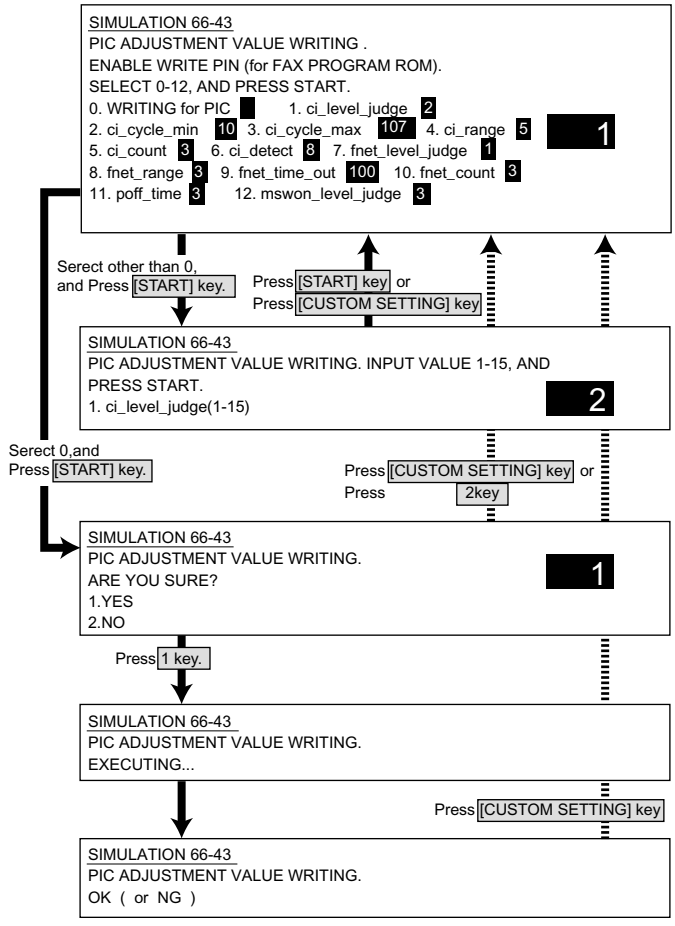
<List of display values>

1	Execution (FAX program writing is allowed.)
2	Cancel (FAX program writing is allowed.)

* FAX program writing is allowed by the jumper and the DIP switch which differ depending on the model.

66-43

Purpose	
Function (Content)	To execute this simulation, FAX program writing must be allowed. (Jumper and DIP switch which differ depending on the model)The adjustment value of PIC are changed and written. The current setting is highlighted beside the item.
Section	FAX
Item	
Operation/Procedure	1) Set the adjustment value with 10-key. Press P key to save the entered value. The setting range differs depending on the item. Example:1.Number of sensing until settlement of the CI signal level: (Default) 2, (Range) 1 - 15 * When the value outside the specified range is displayed, scan from the PIC may not have been completed. (Because of FAX program write protection, etc.) 2) When YES is selected, the adjustment values are collectively written into the PIC installed to the FAX box. Normal completion of writing: "WRITING OK" In case of an error:"NG"


SIMULATION 66-43
PIC ADJUSTMENT VALUE WRITING .
ENABLE WRITE PIN (for FAX PROGRAM ROM).
SELECT 0-12, AND PRESS START.
0. WRITING for PIC 1. ci_level_judge 2
2. ci_cycle_min 10 3. ci_cycle_max 107 4. ci_range 5
5. ci_count 3 6. ci_detect 8 7. fnet_level_judge 1
8. fnet_range 3 9. fnet_time_out 100 10. fnet_count 3
11. poff_time 3 12. mswon_level_judge 3
1
Serect other than 0, and Press [START] key.
Press [START] key or Press [CUSTOM SETTING] key
SIMULATION 66-43
PIC ADJUSTMENT VALUE WRITING. INPUT VALUE 1-15, AND PRESS START.
1. ci_level_judge(1-15)
2
Serect 0,and Press [START] key.
Press [CUSTOM SETTING] key or Press 2key
SIMULATION 66-43
PIC ADJUSTMENT VALUE WRITING.
ARE YOU SURE?
1.YES
2.NO
1
Press 1 key.
SIMULATION 66-43
PIC ADJUSTMENT VALUE WRITING.
EXECUTING...
Press [CUSTOM SETTING] key
SIMULATION 66-43
PIC ADJUSTMENT VALUE WRITING.
OK (or NG)

<List of display values>

0	WRITING to PIC • • Writing to PIC
1	ci_level_judge(1-15)
2	ci_cycle_min(0-254)
3	ci_cycle_max(0-254)
4	ci_range(0-127)
5	ci_count(1-15)
6	ci_detect(1-15)
7	fnet_level_judge(1-15)
8	fnet_range(0-74)
9	fnet_time_out(76-255)
10	fnet_count(1-15)
11	poff_time(0-15)
12	mswon_level_judge(2-15)

6. FAX software switch

A. SOFT SW SETUP CHANGE QUICK REFERENCE

Large item	Medium item	Content of switch	Key operator	Soft SW No.	Purpose of use
Dial (Calling)	Remote machine calling disable	Detection of line current when dialing		SW 70-5	Dial disable
		Dial call wait time		SW 62-1~2	Dial disable/Erroneous dialing
		Pause time setup (between dialing)	Initial setup	SW 70-1~4	Dial disable/Erroneous dialing
		Tone/Pulse default setup (Dial ringing signal setup)	Initial setup	SW 62-5~6	Dial disable
		•DTMF signal level (high group)		SW 66-5~8	Dial disable in PB (PB/FAX service, etc.)
		•DTMF send level (low group)		SW 67-1~4	Dial disable in PB (PB/FAX service, etc.)
		•DTMF signal send time		SW 68-1~5	Dial disable in PB (PB/FAX service, etc.)
		•DTMF minimum pause time setup		SW 69-1~8	Dial disable in PB (PB/FAX service, etc.)
		Make time (10PPS) setup		SW 63-1~4	Dial disable in pulse
		Break time (10PPS)setup		SW 63-5~8	Dial disable in pulse
		Minimum pause (10PPS)setup		SW 64-1~4	Dial disable in pulse
	Signal detection	Busy tone detection		SW 71-3	Busy tone detection disable
		Busy tone detection cycle		SW 71-4~5	Busy tone detection error
		DT/BT detection level		SW 71-6~7	Busy tone detection disable
		Dial tone detection		SW 70-6	Dial tone detection disable
		Dial tone monitor time		SW 70-7	Dial tone detection error
		Lower limit of busy tone detection time (ON time)		SW 72-1~2	Busy tone detection error
		Upper limit of busy tone detection time (ON time)		SW 72-3~4	Busy tone detection error
		Frequency range setup for detection of DT/BT		SW 71-1~2	Dial tone/busy tone detection error
Redial	Remote machine not responding	Resend when no response from the other party		SW 56-8	No recall wanted when remote machine not responding
	Error	Number of times of recall in communication error	send setup	SW 57-5~8	
	Error	Recall allowed in communication error	Send setup	SW 59-3	
	Error	Recall interval in communication error		SW 58-5~8	
	Busy	Recall interval in busy state	send setup	SW 57-1~4	
	Busy	Number of times of recall in busy	send setup	SW 58-1~4	
	Busy	Recall allowed in busy	send setup	SW 59-2	
Reception (Calling)	Not receiving	Number of calls for auto receives	Receive setup	SW 3-5~8	Number of reception call
		Auto/Manual default setup	User setup	SW 7-2	Initial setup of auto reception/manual reception
	CI detection disable	Lower limit of call signal ON time		SW 75-1~4	CI signal detection disable
		Upper limit of call signal ON time		SW 75-5~8	CI signal detection disable
		Lower limit of call signal OFF time		SW 76-1~4	Ci signal detection disable
		Upper limit of call signal OFF time		SW 76-5~6	CI signal detection disable
		Call signal OFF non-detection time		SW 77-1~4	CI signal detection disable
External telephone handset	External telephone connection	External telephone connection	Initial setup	SW 3-2	External telephone connection
	External telephone off-hook detection	External telephone off-hook detection time		SW 12-1~8	External telephone off-hook detection error
	Remote switch number	Remote switch number setup	Initial setup	SW 13-1~8	Remote switch detection error
	Remote switch setup	Remote reception instruction		SW 14-1	Remote switch inhibit
		Notification to external telephone in remote switch		SW 14-2	
		Remote switch operation allowed		SW 14-3	Remote switch is made when calling from external telephone.

Large item	Medium item	Content of switch	Key operator	Soft SW No.	Purpose of use
TEL/FAX auto switch		Voice answering send level to the line		SW 51-1	
	External telephone call	Ring back tone ON time		SW 10-1~4	External telephone call disable CNG detection disable
		Ring back tone OFF time		SW 10-5~8	External telephone call disable CNG detection disable
Communication	General	Signal send level		SW 15-1~8	When the remote machine does not receive signals in a proper level.
		ECM (Valid for other than V.34) (Reflected on V.21 DIS/DCS.)	Initial setup	SW 17-5	Error resend frequently occurs, resulting in extended communication time.
		Timer setup between flag and address (V.21-FSK)		SW 20-3~4	Communication error in a satellite line
		Coding capacity in send/receive (V.34 communication) (Reflected on DIS/DCS/DTC.)		SW 17-3~4	Error in JBIG mode
		Coding capacity in send/receive (Reflected on DIS/DCS/DTC) (Other than V.34)		SW 17-7~8	Error in JBIG mode
	SG3	V.34 mode function(When call out and polling)		SW 43-1	Frequent errors in SG3 communication
		V.34Symbol Rate Mask (when receiving)		SW 43-3~6	Frequent errors in SG3 communication
		V.34 mode function in manual communication		SW 42-8	Frequent errors in SG3 communication in FAX service
Send	G3/SG3	Countermeasures against echo in transmission (Used to set the hold time from DIS reception to signal sending.)		SW 20-7	An error occurs in phase B.
		DIS reception confirmation in G3 transmission		SW 20-2	An error occurs in phase B.
		V.34 mode transmission speed		SW 25-5	CED signal detection error
	SG3	V.34 mode transmission speed		SW 44-1~4	An error occurs in SG3 communication.
	G3	Echo suppresser tone setup		SW 27-1~4	An error occurs in V.29 communication
		Modem transmission speed (Except for V.34) (DCS)		SW 16-1~4	To uncertain/certain receiver
		DCS-TCF interval time		SW 24-1	An error occurs in training.
		Error process in RTN reception		SW 30-2	OK is displayed when RTN is received.
Receive	G3/SG3	CSI send		SW 20-1	
	SG3	V.34 mode reception speed		SW 44-5~8	An error occurs in SG3 communication.
	G3	Countermeasures against echo in reception (CED tone send interval)		SW 20-6	An error occurs n phase B in reception.
		Reception modem speed fixed (other than V.34) (DIS)		SW 16-5~6	Fall back or an error occurs due to poor line conditions.
		EOL detection timer		SW 23-1	EOL time up occurs frequently.
		RTN send line error rate		SW 23-7~8	Line error occurs frequently.
		EQM judgment threshold value when confirming TCF reception		SW 24-2	TCF reception error occurs.
		Judgment method in confirmation of TCF reception		SW 24-3	TCF reception error occurs.
Receive print	Paper selection	Sub scan length judgment		SW 35-2	Print is not made on the selected paper.
		FAX paper exit tray setup <Dragon>	Receive setup	SW 28-7~8	Print is not made on the selected paper.
		Received data print condition setup	Receive setup	SW 35-3~4	To make divided print instead of reduction print.
		Automatic reduction/dispose setup	Receive setup	SW 35-7	To disable reduction print.
		Setup of magnification ratio in automatic reduction		SW 36-1~8	To disable reduction print on fixed size paper.
		Reduction/dispose setup when printing A3, 11X 17		SW 35-8	Print is not made on the selected paper when A3-11x17 size document is received.
		Duplex reception print	Receive setup	SW 34-8	To make duplex print of received document
		Rotation print		SW 35-1	To disable rotation print
		Received document output setup		SW 35-5	To print after reception of each page
		11 x 17 paper reception width setup		SW 37-3	To print 11x17 document as B4 width
		Reception size specification (Indicates reception capacity.)		SW 37-1~2	To limit the reception size.

B. Details

SW No.	Bit No.	Item	Switch selection and function	USA	Initial value	Key operator
1	1-8	Country code	Country code set by ITU-T. Control is made according to the set country code.	1 0 1 1 0 1 0 1	North America	
2	1	TSI judgment setting when a certain number receive reject (No signal or all space)	Used to set receive reject or receive allow when there is no TSI signal from the remote machine or when the TSI signal is all space, when a certain number receive reject is set to valid by the key operation. 1: Receive reject / 0: Receive allow	0	Receive allow	
	2	Specified number receive rejection setup (FAX)	Used to set whether a certain number receive reject by FAX is Enabled or Disabled. In auto receive only. 1: Specified number receive rejection (Valid) / 0: Specified number receive ignored (Invalid)	0	Specified number receive ignored (Invalid)	Receive setup
	3	Manual receive mode receive rejection setup (FAX)	Used to set whether a certain number receive reject by FAX is Enabled or Disabled. In manual receive only. 1: Specified number receive rejection / 0: Specified number receive ignored(OFF)	0	Specified number ignored	
	4	Manual receive mode auto receive switch setup	Used to set whether auto receive switch is performed or not in the manual receive mode.The number of switching to auto receive is set with SW2-5-8. 1: Allow(Switched) / 0: Inhibit (Not switched)	0	Inhibit	Receive setup
	5-8	Number of calls to switch to auto receive in manual receive	Used to set the number of calls to switch to auto receive in manual receive mode. This function is valid only when SW2-4 is set to "1: Allow (to switch)." If a value outside the set range is inputted, the default setup is made.	1 0 0 1	9	Receive setup
3	1	Not used		0		
	2	External telephone connection	Setting to use an external telephone. If not set to YES, an external telephone cannot be used. 1: External telephone YES / 0: External Telephone NO In North America, users cannot set this switch to "0: NO."	1	YES	Initial setup
	3	Default finish stamp	Used to set whether the finish stamp is used or not after completion of document scan when the SPF/RSPF is used. 1: Finish stamp used / 0: Finish stamp not used If a document feed unit other than the SPF/RSPF is used, this setup is invalid.	0	NO	Operation setup
	4	Not used		0		
	5-8	Number of calls for auto receives	Used to set the number of calls to start auto receive (to catch the line). Setup is made in the range of 0 ~ 15 by binary input. When set to 0, no ringing is made. For the nighttime FAX mode (main SW OFF, memory SW ON), however, ringing of an external telephone is made.	0 0 1 0	2	Receive setup
4	1,2	Not used		0 0		
	3	Polling protection	Used to set Enable/Disable of confidential protection (inhibition of transmission to erroneous party) in transmission of bulletin board. Confidential protection is made by collating the number registered in this machine and that in the other party machine. Sender's number and send request allow number are collated each other. In this machine, Sharp's unique collating of system number ← → ID number is not performed. 1: Not protected / 0: Protected	0	Protect	Polling security setup
	4	Relay data output	Used to set whether the document received from the relay station is outputted or not when relay broadcast reception is made. 1: Document received from relay station is not outputted. / 0: Document received from relay station is outputted. Similar to F code relay broadcast indicating reception.	0	Output	

SW No.	Bit No.	Item	Switch selection and function	USA	Initial value	Key operator
4	5	Not used		0		
	6	F code relay broadcast function	Used to set whether relay broadcast transmission is made by receiving F code relay broadcast instruction from the other party or F code relay broadcast instruction is not received (even though the relay box number by SUB is matched on). Though this item is set to "without this function," F code relay broad cast instruction can be transmitted. 1: F code relay broadcast instruction is received from allowed party. 0: F code relay broadcast instruction is not received even from allowed party. (Judged as a communication error.)	0	Not Receive	
	7	F code confidential reception	Used to set YES/NO of F code confidential reception from the other party (even though the confidential box number is matched by SUB). Though this item is set to NO, F code confidential transmission can be made. 1: F code confidential reception inhibited (Judged as a communication error.) 0: F code confidential reception allowed.	0	Receive	
	8	F code communication error process	Used to set YES/NO of resend in F code transmission. When, however, SW59-3 (Recall allow in communication error) is set to 0 (Inhibit), recall is not made. 1: Not resend 0: Resend	0	Resend	
5	1	F code password transmission setup when the other party has no function of password	Used when the other party machine has no function of F code password in F code transmission. 1: Send with password 0: Disconnecting of line with DCN	0	Line dis-connection with DCN	
	2,3	Image quality in reception (Reflected on DIS, not reflected on DTC)	Used to set reception image resolution in FAX reception ringing (DIS send). Bit No. 2 3 Standard 1 1 Fine 1 0 Super fine 0 1 Ultra fine 0 0	0 0	Ultra fine	
	4-8	Not used		0 0 0 0 0		
6	1	SUB capacity in reception	Used to set SUB capacity (Bit 49) to "1" in reception (DIS send). 1: NO (Set to 0) 0: YES (Set to 1)	0	YES	
	2	SEP capacity in reception	Used to set SEP capacity (Bit 47) to "1" in reception (DIS send) 1: NO (Set to 0) 0: YES (Set to 1)	0	YES	
	3	Reception PWD/SID capacity	Used to set PWD/SID capacity (Bit 50) to "1" in reception (DIS send). 1: NO (Set to 0) 0: YES (Set to 1)	0	YES	
	4	Automatic reduction send	Used to set whether the transmitted document is reduced or the both ends are cut when the transmitted document size is greater than the recording paper size (width) in the other party's machine. 1: Send by cutting both edges without reduction 0 Send by reduction	0	Reduction setup	Send setup
	5	Rotation send selection (A4 → A4R) (LTR → LTR-R)	Used to set whether A4 document is transmitted in A3 width (A4) or A4 document is rotated and transmitted in A4R. 1: Send as A3 width document (A4) without rotating 0: Send as A4 width document (A4R) with rotating	0	Rotate	Send setup
	6	Rotation send selection (B5R → B5) (16K → 16KR)	Used to set whether B5R document is transmitted in A4 width (B5R) or the scan image is rotated and transmitted in B4 width (B5). 1: Send as A4 width document (B5R) without rotating 0: Send as B4 width document (B5) with rotating	0	Rotate	Send setup

SW No.	Bit No.	Item	Switch selection and function	USA	Initial value	Key operator
6	7	Rotation send selection (A5R → A5) (INVOICE-R → INVOICE)	Used to set whether A5R document is transmitted to A4 width (A5R) or the scan image is rotated and transmitted in A4 width (A5). 1: Send as A4 width document (A5R) without rotating / 0: Send as A4 width document (A5) with rotating	0	Rotate	Send setup
	8	EEPROM access inhibit	When an access trouble to EEPROM in the modem controller occurs, FAX operation cannot be performed. When this item is set to INHIBIT, FAX operation can be performed. The modem controller adjustment values (part of soft switch) are saved in EEPROM. ALLOW or INIHIBIT of access to EEPROM is set. 1: Access to EEPROM inhibited / 0: Access to EEPROM allowed	0	Access allowed	
7	1	Not used		0		
	2	Auto/Manual default setup	Used to select automatic reception or manual reception. (Do not set to manual reception when handset or external telephone is not connected. However, setting is possible and reception with on-hook key is possible.) In the manual reception mode, when the machine is in the nighttime FAX mode, the machine is booted but reception ringing is not made. 1: Manual reception / 0: Auto reception	0	Auto reception	User setup
	3,4	Not used		0 0		
	5	Remaining memory capacity for reception	Used to set whether call-in is made until remaining memory capacity reaches 64KB or less or 128KB or less. 1: Call-in until remaining memory is 64KB or less. / 0: Call-in until remaining memory is 128KB or less.	0	128KB or less	
	6	Memory over during reception	Used to set whether received data are outputted or disregarded without outputting in case of memory over during reception. 1: Received data are not outputted. / 0: Received data are outputted.	0	Output	
	7,8	Not used		0 0		
8	1,2	Image capacity in polling (reflected on DTC)	Used to set image capacity of the machine when polling. It is reflected on DTC, and is unrelated to SW5-2-5 (Image capacity during reception). Bit No. 1 2: Standard 1 1; Fine 1 0; Super fine 0 1; Ultra fine 0 0	0 0	Ultra fine	
	3	Error page output selection in FAX reception error	Used to set whether error page is outputted or disposed without outputting in case of a communication error during FAX reception. 1: Error page is not outputted. / 0: Error page is outputted. When, however, an error occurs during F code relay instruction reception or F code confidential reception, the error page is not outputted regardless of this SW setup.	0	Output	
	4	Quick online/memory transmission selection	Used to select quick online transmission mode or memory transmission mode. 1: Memory transmission / 0: Quick online transmission	0	Quick online transmissio n	Send setup
	5-8	Number of pages of dial ringing in quick online transmission	Used to set the number of pages of scanning at the dial ringing timing in quick online transmission. Can be set in the range of 1~15 pages by binary input.	0 0 0 1	1 page	
9	1-6	Not used		0 1 1 0 0 0		

<table>
<tr><th>SW No.</th><th>Bit No.</th><th>Item</th><th>Switch selection and function</th><th>USA</th><th>Initial value</th><th>Key operator</th></tr>
<tr><td>9</td><td>7,8</td><td>Not used</td><td></td><td>0
0</td><td></td><td></td></tr>
<tr><td>10</td><td>1-4</td><td>Ring back tone ON time</td><td>Used to set the pseudo-ringing to an external telephone and the ring back tone ON time to the line.
Setting can be made in the range of 0 ~ 3sec in the increment of 200ms.
When set to 0, however, same as setting to 1sec.</td><td>0
1
0
1</td><td>1sec</td><td></td></tr>
<tr><td></td><td>5-8</td><td>Ring back tone OFF time</td><td>Used to set the pseudo-ringing to an external telephone and the ring back tone OFF time to the line.
Setting can be made in the range of 0 ~ 3sec in the increment of 200ms.
When set to 0, however, same as setting to 2sec.
When set to less than 2sec, busy tone may be erroneously detected.</td><td>1
0
1
0</td><td>2sec</td><td></td></tr>
<tr><td>11</td><td>1-4</td><td>Image quality priority selection (Standard image quality setup)</td><td>Used to set the initial setting of image quality selection when scanning a document by FAX. When set to "0100," "1000," "1001" and later, the same operation is made as normal characters.
<table>
<tr><th>Bit No.</th><th>1</th><th>2</th><th>3</th><th>4</th></tr>
<tr><td>Normal text</td><td>0</td><td>0</td><td>0</td><td>0</td></tr>
<tr><td>Fine</td><td>0</td><td>0</td><td>0</td><td>1</td></tr>
<tr><td>Super fine</td><td>0</td><td>0</td><td>1</td><td>0</td></tr>
<tr><td>Ultra fine</td><td>0</td><td>0</td><td>1</td><td>1</td></tr>
<tr><td>Fine (Half tone)</td><td>0</td><td>1</td><td>0</td><td>1</td></tr>
<tr><td>Super fine (Half tone)</td><td>0</td><td>1</td><td>1</td><td>0</td></tr>
<tr><td>Ultra fine (Half tone)</td><td>0</td><td>1</td><td>1</td><td>1</td></tr>
</table></td><td>0
0
0
0</td><td>Normal text</td><td>Operation setup</td></tr>
<tr><td></td><td>5</td><td>Automatic wake up mode</td><td>Used to set whether the machine is automatically wake up and the received document is outputted or the received document is saved in memory and will be outputted when the power is turned on next time when a FAX message is received with the main SW ON and the FAX power SW ON or in the power save mode.
<table>
<tr><td>1: Saved in memory without booting machine</td><td>0: Output by automatic booting of machine</td></tr>
</table></td><td>0</td><td>Output</td><td>Initial setup</td></tr>
<tr><td></td><td>6</td><td>Not used</td><td></td><td>0</td><td></td><td></td></tr>
<tr><td></td><td>7</td><td>Image quality setup when saving(FAX)</td><td>Used to set whether the initial setting is set to Enable of the image quality of filed documents when FAX-sending filed documents.
<table>
<tr><td>1: Applied</td><td>0: Not applied</td></tr>
</table></td><td>0</td><td>Not applied</td><td>Operation setup</td></tr>
<tr><td></td><td>8</td><td>Selection of resend page in case of an error</td><td>Used to select resend pages in case of an error in transmission without F code.
<table>
<tr><td>1: All pages (Resend all pages from the first page including transmitted pages.)</td><td>0: After error page (Resend after error page)</td></tr>
</table>
If transmission includes F code, all pages are resent.</td><td>0</td><td>After the error page</td><td></td></tr>
<tr><td>12</td><td>1-8</td><td>External telephone off-hook detection time</td><td>Used to set the time to recognize external telephone off-hook detection.
The set range is 0ms - 255ms in the increment of 10ms by binary input.</td><td>0
0
0
1
1
1
1
0</td><td>300ms</td><td></td></tr>
<tr><td>13</td><td>1-8</td><td>Remote switch number setup</td><td>Used to set the number for remote switch receive from an external telephone by binary input.
However, remote switch numbers of "XX*" and "*" are fixed.
When set to "C" (BCD) or above, same as setting to the initial value of "5" (BCD).
<table>
<tr><td>55 (Japan)</td><td>5* (Outside Japan)</td></tr>
</table></td><td>0
1
0
1
1
0
1
0</td><td>5*</td><td>Initial setup</td></tr>
<tr><td>14</td><td>1</td><td>Remote reception instruction</td><td>Used to set YES/NO of remote switch from an external telephone.
<table>
<tr><td>1: NO (remote switch disable)</td><td>0: YES (Remote switch enable)</td></tr>
</table></td><td>0</td><td>YES</td><td></td></tr>
</table>

<table>
<tr><th>SW No.</th><th>Bit No.</th><th>Item</th><th>Switch selection and function</th><th>USA</th><th>Initial value</th><th>Key operator</th></tr>
<tr><td rowspan="10">14</td><td>2</td><td>Notification to external telephone in remote switch</td><td>Used to set whether an alarm notification is sent to the external telephone or not when remote switch from an external telephone is performed.
<table><tr><td>1: NO (Not notify)</td><td>0: YES(Notify)</td></tr></table></td><td>0</td><td>YES</td><td></td></tr>
<tr><td>3</td><td>Remote switch operation allowed</td><td>Used to set whether remote switch from an external telephone is allowed only when call-in or when call-in and call-out.
<table><tr><td>1: Switch enable in call-in and call-out</td><td>0: Switch enable only in call-in</td></tr></table>For North America, remote switch is enabled even in stand-by.
For North America, this switch is disabled.</td><td>0</td><td>Only when receiving</td><td></td></tr>
<tr><td>4-8</td><td>Not used</td><td></td><td>0
0
0
0
0</td><td></td><td></td></tr>
<tr><td>15</td><td>1-8</td><td>Signal send level</td><td>Used to set the signal send level from the Modem. The set range is 0 ~ 21 in the increment of 1dBm by binary input. For an actual line, the actual value is virtually the same as the set value.
The max. level differs depending on the destination country. If setting exceeds the max. level, the max. level of the current destination is applied to.
(However, North America is excluded.)</td><td>0
0
0
0
1
0
1
0</td><td>-10dBm</td><td>Adjustment value</td></tr>
<tr><td>16</td><td>1-4</td><td>Modem transmission speed (Except for V.34) (DCS)</td><td>Used to set the first speed in transmission of other than V.34. Reflected on DCS.
Transmission is made not always at this speed.
<table><tr><th>Bit No.</th><th>1</th><th>2</th><th>3</th><th>4</th><th>Bit No.</th><th>1</th><th>2</th><th>3</th><th>4</th></tr><tr><td>V.27ter 2400bps</td><td>0</td><td>0</td><td>0</td><td>0</td><td>V.17 14400bps</td><td>1</td><td>0</td><td>0</td><td>0</td></tr><tr><td>V.29 9600bps</td><td>0</td><td>0</td><td>0</td><td>1</td><td>V.17 9600bps</td><td>1</td><td>0</td><td>0</td><td>1</td></tr><tr><td>V.27ter 4800bps</td><td>0</td><td>0</td><td>1</td><td>0</td><td>V.17 12000bps</td><td>1</td><td>0</td><td>1</td><td>0</td></tr><tr><td>V.29 7200bps</td><td>0</td><td>0</td><td>1</td><td>1</td><td>V.17 7200bps</td><td>1</td><td>0</td><td>1</td><td>1</td></tr><tr><td>V.33 14400bps</td><td>0</td><td>1</td><td>0</td><td>0</td><td>★</td><td>1</td><td>1</td><td>0</td><td>0</td></tr><tr><td>★</td><td>0</td><td>1</td><td>0</td><td>1</td><td>★</td><td>1</td><td>1</td><td>0</td><td>1</td></tr><tr><td>V.33 12000bps</td><td>0</td><td>1</td><td>1</td><td>0</td><td>★</td><td>1</td><td>1</td><td>1</td><td>0</td></tr><tr><td>★</td><td>0</td><td>1</td><td>1</td><td>1</td><td>★</td><td>1</td><td>1</td><td>1</td><td>1</td></tr></table>For bit marked with ★, set to V.17 14400bps.</td><td>1
0
0
0</td><td>V.17-14400bps</td><td></td></tr>
<tr><td>5,6</td><td>Reception modem speed fixed (other than V.34) (DIS)</td><td>Used to set the first speed in transmission of other than V.34. Transmission is made not always at this speed.
<table><tr><th>Bit No.</th><th>5</th><th>6</th></tr><tr><td>Fixing NO</td><td>0</td><td>0</td></tr><tr><td>V.29-9600bps</td><td>0</td><td>1</td></tr><tr><td>V.27ter-4800bps</td><td>1</td><td>0</td></tr><tr><td>V.17-14400bps</td><td>1</td><td>1</td></tr></table></td><td>0
0</td><td>Not fixed</td><td></td></tr>
<tr><td>7,8</td><td>Not used</td><td></td><td>0
0</td><td></td><td></td></tr>
<tr><td>17</td><td>1,2</td><td>Not used</td><td></td><td>0
0</td><td></td><td></td></tr>
<tr><td>3,4</td><td>Coding capacity in send/receive (V.34 communication) (Reflected on DIS/DCS/DTC.)</td><td>Used to set the coding capacity to transmit to the remote machine in V.34 communication.
<table><tr><th>Bit No.</th><th>3</th><th>4</th></tr><tr><td>JBIG/MMR/MR/MH</td><td>0</td><td>0</td></tr><tr><td>MMR/MR/MH</td><td>0</td><td>1</td></tr><tr><td>MR/MH</td><td>1</td><td>0</td></tr><tr><td>MH</td><td>1</td><td>1</td></tr></table></td><td>0
0</td><td>JBIG/MMR/MR/MH</td><td></td></tr>
</table>

SW No.	Bit No.	Item	Switch selection and function	USA	Initial value	Key operator
17	5	ECM (Valid for other than V.34) (Reflected on V.21 DIS/ DCS.)	Used to set whether error resend mode is executed or not. Valid only when communication is made in a mode other than V.34. 1: NO (ECM function NO) / 0: YES (ECM function YES)	0	YES	Initial setup
	6	Not used		0		
	7,8	Coding capacity in send/ receive (Reflected on DIS/DCS/ DTC) (Other than V.34)	Used to set coding capacity to transmit to the other party machine in a communication of other than V.34. Bit No. 7 8 JBIG/MMR/MR/MH 0 0 MMR/MR/MH 0 1 MR/MH 1 0 MH 1 1	0 0	JBIG/MMR/ MR/MH	
18	1-4	Not used		0 1 0 0		
	5	PIN code conformity	Used to set whether the dial number display of FAX is limited to 16 digits or not. When this item is set to "1: Support," the FAX number display by the resend key is limited to 16 digits. The display of completion of the job status is also limited to 16 digits. 1: Conform / 0: Not conform	0	Not conform	
	6-8	Not used		0 0 1		
19	1-7	Not used		0 0 0 0 0 0 0		
	8	Machine booting when 1300Hz is detected in the nighttime FAX mode	Used to set whether the machine is booted or not by detection of 1300Hz signal from the line in the nighttime FAX mode. (This serves as the MDMC PWB jumper in Tiger series.) When this is changed to "Booted," the machine may be booted by noises on the line. Check the singles on the line. 1: Booting / 0: Not booting	0	Not booting	
20	1	CSI send	Used to set whether CSI send is performed or not. The CSI signal includes the sender's number. 1: CSI signal not send / 0: CSI signal send	0	Send	
	2	DIS reception confirmation in G3 transmission	Used to set whether DIS reception is conformed or not in G3 mode transmission (valid only in other than V.34). This is valid only when communication is made in other than V.34. 1: Reception of DIS is checked twice. / 0: Reception of NSF/DIS is checked once, reception without NSF is checked twice.	0	0	
	3,4	Timer setup between flag and address (V.21-FSK)	Used to set the timer between Flag and address when receiving FSK signal in a communication other than V.34. Bit No. 3 4 6sec 0 0 15sec 0 1 30sec 1 0 120sec 1 1	0 0	6sec	
	5	Not used		0		

SW No.	Bit No.	Item	Switch selection and function	USA	Initial value	Key operator
20	6	Countermeasures against echo in reception (CED tone send interval)	Used to set the time interval (sec) from sending CED or ANSam to sending FSK signal of DIS. 1: 500msec / 0: 75msec If either SW20-6 or SW2-7 is YES, disconnection of the line after completion of communication is delayed for 1.5sec.	0	75msec	
	7	Countermeasures against echo in transmission (Used to set the hold time from DIS reception to signal sending.)	Used to set the time interval (sec) from DIS reception to DCS signal sending. This is valid only in the mode other than V.34. 1: 500msec / 0: 200msec	0	200msec	
	8	Not used		0		
21	1-3	Setup of call time in auto transmission (T0 timer setup)	Used to set the time (sec) of calling when the other party does not receive the call in automatic transmission. The set range is 30 - 75sec in the increment of 15sec by binary input of N into "(15sec x N) + 30sec." The set range of N is 0 ~ 7. When set to a value outside the set range, the initial value of the destination is applied to.	0 0 1	45sec	Send setup
	4-7	T1 timer setup	Used to set the time (sec) for connection of line when the other party does not respond in FAX communication. The set range is 30 - 105sec in the increment of 5sec by binary input of N into "(5sec x N) + 30sec." N is set in the range of 0 - 15. T1 timer is the timer for the time from recognition of FAX CED or DCS) by the other party after connection of line. The ITU-T standard is 35 ± 5sec.	0 0 1 0	40sec	
	8	Not used		0		
22	1-4	Not used		0 0 0 0		
	5,6	T4 timer setup at auto mode (+1.5sec for manual)	Used to set the timer up to respond and receive. Timer for DCS signal to respond and receive. For the ITU-T standard, 3sec ± 15%. Bit No. 5 6 3sec 0 0 4sec 0 1 5sec 1 0 6sec 1 1	0 0	3sec	
	7,8	Not used		0 0		
23	1	EOL detection timer	Used to set the detection timer (sec) of EOL (End Of Line) in Phase C reception of G3 mode. 1: 25sec / 0: 13sec If an error occurs in EOL detection, it is processed as EOL not detected.	0	13sec	
	2-6	Not used		0 0 0 0 1		
	7,8	RTN send line error rate	Used to set the threshold value for judgment of RTN sending in G3 reception. The threshold value is of STD conversion. The half of this value is used for judgment of RTP sending. Bit No. 7 8 6 liens 0 0 12 lines 0 1 60 lines 1 0 120 lines 1 1 When, for example, FINE is received, the threshold value is doubled.	1 0	60 lines	
24	1	DCS-TCF interval time	Used to set the time interval (sec) from DCS sending to TCF signal sending. 1: 150msec / 0: 75msec The ITU-T standard is 75 ± 20ms.	0	75msec	

SW No.	Bit No.	Item	Switch selection and function	USA	Initial value	Key operator
24	2	EQM judgment threshold value when confirming TCF reception	Used to set whether the threshold value (FTT) is set severely or loosely for EQM judgment in confirmation of TCF reception. 1: Loosely / 0: Severely If set loosely, TCF is easy to return CFR, but apt to cause an error in PIX (Phase C).	0	Severely	
	3	Judgment method in confirmation of TCF reception	Used to set the judgment method of FTT in confirmation of TCF reception. 1: Judged by EQM value. TCF is checked loosely. / 0: Received data is judged to be 0 or not, and EQM value is judged.	0	0	
	4	Not used		0		
	5	Simplified ACR function	1: Function ON / 0: Function OFF	0	Function OFF	
	6	CED signal send	Used to set whether CED signal is sent or not. 1:CED signal is not sent. / 0:CED signal is sent. Valid only when SW43.1 (V.34 mode function) is OFF. This is because ANSam signal is indispensable in V.34 mode.	0	Send	
	7,8	CED signal send time	Used to set the time for CED signal send. Bit No. 7 8 3sec 0 0 4sec 0 1 5sec 1 0 6sec 1 1 ANSam signal follows SW46-7 ~ 8.	0 0	3sec	
25	1,2	CED/ANSam send start wait time	Used to set the wait time for sending CED/ANSam signals to the line from FAX reception state after connection of the line. Bit No. 1 2 2.25sec 0 0 3sec 0 1 4sec 1 0 2.25sec 1 1	0 0	2.25sec	
	3,4	CNG send time	Used to set the wait time from connection of the line to sending of CNG signal to the line. Bit No. 3 4 0.5sec 0 0 1sec 0 1 1.5sec 1 0 2.0sec 1 1	1 1	2sec	
	5	CED detection time	Used to set the wait time for determination of the signal when detecting CED/ ANSam signal. 1: 1000ms / 0: 500ms	0	500ms	
	6-8	Not used		0 0 0		
26	1,2	Number of times of RCP send	Used to set the number of times of RCP send when sending Phase C in ECM system. Bit No. 1 2 3 times 0 0 6 times 0 1 9 times 1 0 12 times 1 1 When the other party cannot detect the RCP frame, it becomes easy to detect RCP.	0 0	3 times	
	3	Number of RTC EOL send	Used to set how many EOL's are sent as RTC when sending Phase C. 1: 12 times / 0: 6 times When the other party cannot detect the RCP, it becomes easy to detect RCP.	0	6 times	

<table>
<tr><th>SW No.</th><th>Bit No.</th><th>Item</th><th>Switch selection and function</th><th>USA</th><th>Initial value</th><th>Key operator</th></tr>
<tr><td rowspan="5">26</td><td rowspan="5">4-8</td><td rowspan="5">Not used</td><td rowspan="5"></td><td>0</td><td rowspan="5"></td><td rowspan="5"></td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td rowspan="5">27</td><td rowspan="4">1-4</td><td rowspan="4">Echo suppressor tone setup</td><td rowspan="4">Used to set YES/NO of echo suppressor tone in each high-speed modulation system.
<table><tr><td></td><td>Bit No.</td><td></td><td></td></tr><tr><td>V.33</td><td>1</td><td>1 : NO</td><td>0 : YES</td></tr><tr><td>V.17</td><td>2</td><td>1 : NO</td><td>0 : YES</td></tr><tr><td>V.29</td><td>3</td><td>1 : NO</td><td>0 : YES</td></tr><tr><td>V.27</td><td>4</td><td>1 : NO</td><td>0 : YES</td></tr></table></td><td>0</td><td rowspan="4">YES
(No for V.29 only)</td><td rowspan="4"></td></tr>
<tr><td>0</td></tr>
<tr><td>1</td></tr>
<tr><td>0</td></tr>
<tr><td>5-8</td><td>Not used</td><td></td><td>0
1
1
1</td><td></td><td></td></tr>
<tr><td rowspan="4">28</td><td>1-3</td><td>Not used</td><td></td><td>0
0
0</td><td></td><td></td></tr>
<tr><td>4-6</td><td>CNG signal detection time (in TEL/FAX auto selection)</td><td>Used to set the time for detection of the CNG signal of the remote machine before calling an external telephone from connection of the line when the FAX automatic selection is enable. When this item is set to a longer value, the mute time on the calling side becomes longer.
Setting range: "Setting value + 2 sec"
When, however, it is set to 0, the time is 0 sec.</td><td>0
0
0</td><td></td><td>Receive setup</td></tr>
<tr><td>7,8</td><td>Not used</td><td></td><td>0
0</td><td></td><td></td></tr>
<tr><td>29</td><td>1-5</td><td>FAX paper exit tray setting</td><td>Used to specify the default output tray in the combination of each output system. The combinations of the output trays are as follows.
In the case of the main unit only or the main unit without the manual feed tray and with the duplex tray, the output is always made from the center tray.
<table><tr><td></td><td>Bit No.</td><td></td><td></td></tr><tr><td>Main unit + Manual Duplex</td><td>1</td><td>1:CENTER TRAY</td><td>0:LEFT TRAY</td></tr><tr><td>Finisher + Duplex / Finisher</td><td>2</td><td>1:FINISHER TOP TRAY</td><td>0:LEFT TRAY</td></tr><tr><td>Mail bin stacker + Duplex / Mail bin stacker</td><td>3</td><td>1:MAIL BIN TOP TRAY</td><td>0:LEFT TRAY</td></tr><tr><td>Main unit + Saddle finisher + Duplex</td><td>4</td><td>1:CENTER TRAY</td><td>0:FINISHER TRAY</td></tr><tr><td>Mail bin stacker + Saddle finisher</td><td>5</td><td>1:MAIL BIN TOP TRAY</td><td>0:FINISHER TRAY</td></tr></table></td><td>0
0
0
0
0</td><td></td><td>Receive setup</td></tr>
<tr><td>6-8</td><td>Not used</td><td></td><td>0
0
0</td><td></td><td></td></tr>
<tr><td rowspan="4">30</td><td>1</td><td>Not used</td><td></td><td>0</td><td></td><td></td></tr>
<tr><td>2</td><td>Error reception in RTN reception</td><td>Used to set whether RTN signal reception is judged as an error or not. (Only in G3 mode)
<table><tr><td>1: RTN reception is not judged as an error.</td><td>0: RTN reception is judged as an error.</td></tr></table></td><td>0</td><td>Judges as an error</td><td></td></tr>
<tr><td>3-4</td><td>Not used</td><td></td><td>0
0</td><td></td><td></td></tr>
<tr><td>5-8</td><td>ID (No.) setting
(1st digit: When dial inputting or dialing)</td><td>Used to set the ID No. when the PBX function is enabled. This setting is valid when "ID" is set in SW59-7-8.If the set value is outside the specified range, the default (0) is used.</td><td>0
0
0
0</td><td>0</td><td>Initial set up</td></tr>
</table>

<table>
<tr><th>SW No.</th><th>Bit No.</th><th>Item</th><th>Switch selection and function</th><th>USA</th><th>Initial value</th><th>Key operator</th></tr>
<tr><td rowspan="8">31</td><td rowspan="4">1-4</td><td rowspan="4">ID (No.) setting 2
(2nd digit: When dial inputting or dialing)</td><td rowspan="4">Used to set the ID No. when the PBX function is enabled. This setting is valid when "ID" is set in SW59-7-8.If the set value is outside the specified range, it is not used as an ID No.</td><td>0</td><td rowspan="4">Not used</td><td rowspan="4">Initial set up</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td rowspan="4">5-8</td><td rowspan="4">ID (No.) setting 3
(3rd digit: When dial inputting or dialing)</td><td rowspan="4">Used to set the ID No. when the PBX function is enabled. This setting is valid when "ID" is set in SW59-7-8.If the set value is outside the specified range, it is not used as an ID No.</td><td>0</td><td rowspan="4">Not used</td><td rowspan="4">Initial set up</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td rowspan="8">32</td><td rowspan="8">1-8</td><td rowspan="8">Not used</td><td rowspan="8"></td><td>0</td><td rowspan="8"></td><td rowspan="8"></td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td rowspan="6">33</td><td rowspan="2">1,2</td><td rowspan="2">Transmission cable amplitude equalizer</td><td rowspan="2">Used to set whether the send level is changed by frequency or not when sending FAX signal.
<table><tr><th>Bit No.</th><th>1</th><th>2</th></tr><tr><td>0dB</td><td>0</td><td>0</td></tr><tr><td>4dB</td><td>0</td><td>1</td></tr><tr><td>8dB</td><td>1</td><td>0</td></tr><tr><td>12dB</td><td>1</td><td>1</td></tr></table></td><td>0</td><td rowspan="2">0dB</td><td rowspan="2"></td></tr>
<tr><td>0</td></tr>
<tr><td rowspan="5">3-7</td><td rowspan="5">Not used</td><td rowspan="5"></td><td>0</td><td rowspan="5"></td><td rowspan="5"></td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td>8</td><td>Paper selection when reception printing (LTR/A4)</td><td>Used to set whether LTR is confirmed first of all in selection of paper for reception printing or paper that provides smaller reduction rate of A4 and LTR is selected.
<table><tr><td>1: Priority on LTR</td><td>0: Priority on LTR/A4 reduction rate</td></tr></table></td><td>0</td><td>Priority on LTR/A4</td><td></td></tr>
<tr><td rowspan="9">34</td><td rowspan="7">1-7</td><td rowspan="7">Not used</td><td rowspan="7"></td><td>0</td><td rowspan="7"></td><td rowspan="7"></td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td>8</td><td>Duplex reception print</td><td>Used to set whether reception data are printed on duplex surfaces when printing FAX reception.
<table><tr><td>1: Duplex reception is printed.</td><td>0: Duplex reception is not printed.</td></tr></table></td><td>0</td><td>Not print</td><td>Receive setup</td></tr>
<tr><td rowspan="3">35</td><td>1</td><td>Rotational print</td><td>Used to set whether rotation print is made or not when received data can be printed by rotating in FAX reception printing.
<table><tr><td>1: Received data are not rotated.</td><td>0: Received data are rotated.</td></tr></table></td><td>0</td><td>Rotational print</td><td></td></tr>
<tr><td>2</td><td>Sub scan length judgment</td><td>Used to set whether priority is given to the width or the length when selecting the optimum paper in received data printing.
<table><tr><td>1: Priority on data width</td><td>0: Priority on data length</td></tr></table></td><td>0</td><td>Priority on data length</td><td></td></tr>
<tr><td>3,4</td><td>Received data print condition setup</td><td>Used to set selection of the optimum paper for received data printing.
<table><tr><th>Bit No.</th><th>3</th><th>4</th></tr><tr><td>Optimum size/Large size/reduction</td><td>0</td><td>0</td></tr><tr><td>Optimum size/Large size</td><td>0</td><td>1</td></tr><tr><td>Optimum size/Large size/Division</td><td>1</td><td>0</td></tr><tr><td>Optimum size/Large size/reduction</td><td>1</td><td>1</td></tr></table></td><td>0
0</td><td>00</td><td>Receive setup</td></tr>
</table>

<table>
<tr><th>SW No.</th><th>Bit No.</th><th>Item</th><th>Switch selection and function</th><th>USA</th><th>Initial value</th><th>Key operator</th></tr>
<tr><td rowspan="8">35</td><td>5</td><td>Received document output setup</td><td>Used to set whether all received data are collectively printed after completion of all FAX reception or each page is printed after completion of reception of each page.
<table><tr><td>1: Each page is printed after reception of each page.</td><td>0: Collectively printed after completion of all FAX reception</td></tr></table></td><td>0</td><td>Collectively outputted</td><td></td></tr>
<tr><td>6</td><td>Not used</td><td></td><td>0</td><td></td><td></td></tr>
<tr><td>7</td><td>Automatic reduction/ dispose setup</td><td>Used to set whether automatic reduction is made so that the received data can be printed on a page if reduced, when a document the size of which exceeds the printable limit but is within the magnification ratio setup range of automatic reduction is received.
<table><tr><td>1: Automatic reduction is not made and data exceeding the printable limit are disposed.</td><td>0: Printed by automatic reduction</td></tr></table></td><td>0</td><td>Reduction</td><td>Receive setup</td></tr>
<tr><td>8</td><td>Reduction/dispose setup when printing A3, 11X 17</td><td>Used to set whether the main scan width data are reduced or data on both edges are disposed without reduction when A3 width document is received and printed on 11x 17 inch paper. When set to "Reduction," the data are reduced by 94%.
<table><tr><td>1: Dispose</td><td>0: Reduction</td></tr></table></td><td>1</td><td>Dispose</td><td></td></tr>
<tr><td>36</td><td>1-8</td><td>Setup of magnification ratio in automatic reduction</td><td>Used to set the percentage by which the received document is longer than the printable length when automatic reduction print is enabled. The setup range is 85 - 100% by binary input of N into "N x 1% + 85%."When set to outside the range, similar to the default value of 90%.</td><td>0
0
0
0
0
1
0
1</td><td>90%</td><td></td></tr>
<tr><td rowspan="5">37</td><td>1,2</td><td>Reception size specification (Indicates reception capacity.)</td><td>Used to set the reception allowable document width of the machine which is notified to the other party machine when receiving
<table><tr><th>Bit No.</th><th>1</th><th>2</th></tr><tr><td>By installed cassette</td><td>0</td><td>0</td></tr><tr><td>A4 width</td><td>0</td><td>1</td></tr><tr><td>B4(A4•B4) width</td><td>1</td><td>0</td></tr><tr><td>A3(A3•B4•A4) width</td><td>1</td><td>1</td></tr></table>When using the installed cassette, the max. cassette size as follows :
<table><tr><td>A5/5.5 x 8.5R size</td><td>A4 width</td></tr><tr><td>B5 size</td><td>B4 width</td></tr><tr><td>A4/8.5 x 11 size</td><td>A3 width</td></tr><tr><td>8.5 x 13/8.5 x 14</td><td>A3 width</td></tr><tr><td>B4 size</td><td>B4 width</td></tr><tr><td>11 x 17</td><td>B4/A3 width
(Switch by FAX soft SW)</td></tr><tr><td>A3 size</td><td>A3 width</td></tr></table>A3 width is used when no tray is set for Fax reception and printing and when the cassette is open in case of installed cassettes.</td><td>0
0</td><td>By installed cassette</td><td></td></tr>
<tr><td>3</td><td>11 x 17 paper reception width setup</td><td>Used to set the reception allowable document width when 11 x 17 paper is selected as FAX print paper.
<table><tr><td>1: B4(B4•A4) width</td><td>0: A3(A3•B4•A4) width</td></tr></table></td><td>0</td><td>A3 width</td><td></td></tr>
<tr><td>4</td><td>Date/sender print language selection</td><td>Used to set the date and FAX No. print (depending on the destination) at the top of the document when transmitting. Date, FAX No. and fonts are switched.
<table><tr><td>1: For North America</td><td>0: Follows the date format.</td></tr></table></td><td>0</td><td>Follows the date format.</td><td></td></tr>
<tr><td>5</td><td>Default date/sender print</td><td>Used to set whether the date and sender information are added at the top of the transmitted document as default.
<table><tr><td>1:Not added</td><td>0:Added</td></tr></table></td><td>0</td><td>Added</td><td>Send setup</td></tr>
<tr><td>6</td><td>Date/sender information print position setup</td><td>Used to set the print position of the date/sender information at the top of the transmitted document.
<table><tr><td>1: Top of document</td><td>0: Outside of document</td></tr></table></td><td>0</td><td>Outside the document</td><td>Send setup</td></tr>
</table>

SW No.	Bit No.	Item	Switch selection and function	USA	Initial value	Key operator
37	7	Page number print	Used to set whether the page number is added at the date/sender information print position or not. (Page number/Total page number in case of memory transmission) 1: Not added / 0: Added	0	Added	Send setup
	8	Not used		0		
38	1,2	Protocol monitor	Used to set whether the protocol monitor (which is recognized by the FAX) for one communication is printed or not. When a new communication is made before printing the protocol monitor, the old protocol data are deleted. (Overwriting) Bit No. 1 2 NO (Not print) 0 0 NO (Not print) 0 1 Print (Always) 1 0 Only in an error (Print) 1 1	0 0	NO	
	3	Line monitor display	Used to set whether the communication speed during communication and the reception level during reception are displayed on the LCD or not. 1: Displayed on LCD / 0: Not displayed on LCD	0	Not displayed	
	4-8	Time print (o'clock) on the communication report table	Used to set the time print (o'clock) when time is printed on the communication report table. The set range is 0 - 23 o'clock by binary input. If a value of 24 - 31 is inputted, it is set to 0 o'clock.	0 0 0 0 0	0 o'clock	Initial setup
39	1	Communication report table printing at the specified time	Used to set whether the communication report table is outputted at the specified time or not. Though time specification print is enabled, if the specified time is in the nighttime FAX mode, output is not made. 1: Communication report table is printed at the specified time. / 0: Communication report table is not printed at the specified time.	0	Not output	Initial setup
	2-7	Time print (min) on the communication report table	Used to set the time print (min) when time is printed on the communication report table. The set range is 0 - 59min by binary input. If a value of 60 - 63 is inputted, it is set to 0 min.	0 0 0 0 0 0	0 min	Initial setup
	8	Automatic print of communication report table at memory full	Used to set whether the communication report table is automatically outputted or not when the number of send/receive items reaches 50 items. 1: Automatic print / 0: Not print If the report is not outputted, the oldest data are overwritten.	0	Not output	Initial setup
40	1	Print of total communication time on the communication report table	Used to set whether the total communication time and the total number of pages are printed on the communication report table or not. 1: Not print / 0: The total time and the total number of pages are printed.	0	Print	
	2	Report output (when in receive rejection) <FAX only>	Used to set whether the communication report is outputted or not when FAX receive is set to "receive reject." However, report output (in receive) must be set to "Not print." 1: Printed / 0: Not printed	0	Not printed	
	3	Sent document print in F code communication	Used to set whether part of the sent document is printed or not on the communication report table in F code communication. The setup of SW41-1 and SW41-2 has priority over this setup. 1: Sent document is printed. / 0: Sent document is not printed.	0	Not printed.	
	4	Report output (When canceling)	Used to set whether the communication report table is outputted or not when transmission is canceled during transmission of document. 1: Communication report table is printed. / 0: Communication report table is not printed.	0	Not output	

<table>
<tr><th>SW No.</th><th>Bit No.</th><th>Item</th><th>Switch selection and function</th><th>USA</th><th>Initial value</th><th>Key operator</th></tr>
<tr><td rowspan="9">40</td><td>5</td><td>Report output (in confidential reception) <FAX only></td><td>Used to set whether the communication report table (reception) is outputted or not in confidential reception.
1: Communication report table is not printed. | 0: Communication report table is printed.</td><td>0</td><td>Output</td><td>Initial setup</td></tr>
<tr><td>6-8</td><td>Not used</td><td></td><td>0
0
0</td><td></td><td></td></tr>
<tr><td rowspan="2">41</td><td>1,2</td><td>Send mode document content print (Report table) <FAX only></td><td>Used to set whether part of a send document is printed on the communication report (send) or not in FAX send error. However, use the other soft switch to set whether the communication report is printed or not.
Bit No. 1 2
Not print 0 0
Always print 0 1
In case of an error 1 0
In case of an error 1 1</td><td>1
0</td><td>In case of an error</td><td>Initial setup</td></tr>
<tr><td>3,4</td><td>Report output (transmission) <FAX only></td><td>Used to set the communication report table output after transmission (except for sequential broadcast, sequential polling, relay broadcast).
Bit No. 3 4
Print inhibited 0 0
All print 0 1
Only when transmission is failed 1 0
Only when transmission is failed 1 1</td><td>1
0</td><td>Only when transmission is failed</td><td>Initial setup</td></tr>
<tr><td>5,6</td><td>Report output (sequential broadcast, sequential polling, relay broadcast)</td><td>Used to set the communication report table output after transmission (sequential broadcast, sequential polling, relay broadcast).
Bit No. 5 6
Print inhibited 0 0
All print 0 1
Only address to which transmission is failed 1 0
All print 1 1</td><td>0
1</td><td>All print</td><td>Initial setup</td></tr>
<tr><td>7,8</td><td>Report output (reception) <FAX only></td><td>Used to set the communication report table output in reception (except for confidential reception).
Bit No. 7 8
Print inhibited 0 0
All print 0 1
Only in case of an error 1 0
Print inhibited 1 1</td><td>0
0</td><td>Print inhibited</td><td>Initial setup</td></tr>
<tr><td rowspan="5">42</td><td>1-3</td><td>Not used</td><td></td><td>0
0
0</td><td></td><td></td></tr>
<tr><td>4</td><td>F.A.S.T function</td><td>Used to set the management function performed in FAX communication through the telephone line.
1: YES | 0: NO</td><td>0</td><td>NO</td><td></td></tr>
<tr><td>5-7</td><td>Not used</td><td></td><td>0
0
0</td><td></td><td></td></tr>
<tr><td>8</td><td>V.34 mode function in manual communication</td><td>Used to set Enable/Disable of V.34 mode function in manual communication. When, however, SW43-1 is set to "1:disable," V.34 mode is disabled though this switch is set to "0:enable."
1: V.34 mode function disable | 0: V.34 mode function enable</td><td>0</td><td>Enable</td><td></td></tr>
<tr><td>43</td><td>1</td><td>V.34 mode function (When call out and polling)</td><td>Used to set Enable/Disable of V.34 mode function in the machine when sending.
1: V.34 mode function disable | 0: V.34 mode function enable</td><td>0</td><td>Enable</td><td></td></tr>
</table>

SW No.	Bit No.	Item	Switch selection and function	USA	Initial value	Key operator
43	2	V.34 mode function (when call in)	Used to set whether V.34 mode is enabled or not as a capacity of the own machine when receiving (calling in). 1: V.34 mode function disable / 0: V.34 mode function enable	0	Enable	
	3-6	V.34Symbol Rate Mask (when receiving)	Used to set Symbol Rate in reception of V.34 mode. When set to other than the below, it is set as the default (0101). Bit No. 3 4 5 6 2400: 0 0 0 0 2400: 0 0 0 1 2800/2400: 0 0 1 0 3000/2800/2400: 0 0 1 1 3200/3000/2800/2400: 0 1 0 0 3429/3200/3000/2800/2400: 0 1 0 1	0 1 0 1	3429	
	7,8	Not used		0 0		
44	1-4	V.34 mode transmission speed	Used to set the communication speed (capacity) when transmitting in V.34 mode. The set range is 2400bps - 33600bps in the increment of 2400bps by binary input of N into "2400(bps) x N." When N is set to 0000, it is set to 2400bps. When set to 1111, it is set to 33600bps. When, however, set to 2400bps, SW45-1~6 must be disabled. When set to 33600bps, SW45-7 must be enabled "1".	1 1 1 0	33600bps	
	5-8	V.34 mode reception speed	Used to set the communication speed (capacity) when receiving in V.34 mode. The set range is 2400bps - 33600bps in the increment of 2400bps by binary input of N into "2400(bps) x N." When N is set to 0000, it is set to 2400bps. When set to 1111, it is set to 33600bps. When set to 2400bps, however, SW43-3~6 must be set to 2400: "0000." When set to 33600bps, SW43-3~6 must be set to 3429: "0101."	1 1 1 0	33600bps	
45	1	2800 Symbol Rate Mask in V.34 communication	Used to set Enable/Disable of 2800Hz as Symbol Rate of V.34. When set to Disable, 2800Hz is not selected. 1: Disable / 0: Enable	0	Enable	
	2	Not used		0		
	3	3000 Symbol Rate Low Carrier setup in V.34 transmission	Used to set Enable/Disable of Low/High carrier when selecting 3000Hz as Symbol Rate of V.34.When this is set to Disable, Low of 3000Hz is not selected. It is valid only in transmission. 1: Disable / 0: Enable	0	Enable	
	4	3000 Symbol Rate High Carrier setup in V.34 transmission	Used to set Enable/Disable of Low/High carrier when selecting 3000Hz as Symbol Rate of V.34. When this is set to Disable, High of 3000Hz is not selected. It is valid only in transmission. When both of Low/High are set to Disable, Symbol Rate=3000Hz is not selected. 1: Disable / 0: Enable	0	Enable	
	5	3200 Symbol Rate Low Carrier setup in V.34 mode	Used to set Enable/Disable of Low/High carrier when selecting 3000Hz as Symbol Rate of V.34. When this is set to Disable, Low of 3200Hz is not selected. It is valid only in transmission. 1: Disable / 0: Enable	0	Enable	
	6	3200 Symbol Rate High Carrier setup in V.34 transmission	Used to set Enable/Disable of Low/High carrier when selecting 3000Hz as Symbol Rate of V.34. When this is set to Disable, High of 3200Hz is not selected. It is valid only in transmission. When both of Low/High are set to Disable, Symbol Rate=3200Hz is not selected. 1: Disable / 0: Enable	0	Enable	
	7	3429 Symbol Rate Mask in V.34 transmission	Used to set whether 3429Hz is used as Symbol Rate of V.34 or not. When set to Disable, 3429Hz is not selected. Valid only in transmission. 1: Disable / 0: Enable	0	Enable	
	8	Communication error sound setting when no response from the remote machine in FAX reception	Used to set whether the speaker sound is made or not according to the communication error sound when the FAX signal cannot be received (when the remote machine is a telephone in no response) from the remote machine in FAX reception (call-in). 1: Error sound provided / 0: No error sound	0	No error sound	

SW No.	Bit No.	Item	Switch selection and function	USA	Initial value	Key operator
46	1	Primary channel return mode setup	Used to set the next state after completion of primary channel phase. 1: PPh signal send sequence / 0: Sh signal send sequence	1	PPh signal	
	2	Dial tone detection kind	Used to set whether continuous or intermittent (repetition of ON/OFF) is detected as detection of the dial tone (DT) from the line switchboard. 1: Intermittent only / 0: Continuous only	0	Continuous only	
	3-6	Not used		0 0 0 0		
	7,8	V.8 mode ANSam signal send time	Used to set ANSam signal send time when sending ANSam signal in V.8 mode. Bit No. 7 8 3sec 0 0 4sec 0 1 5sec 1 0 6sec 1 1	0 1	4sec	
47	1-8	Not used		1 0 0 1 0 0 1 1		
48	1-3	Not used		0 1 0		
	4	Dial tone ON/OFF detection time lower limit (in continuous detection)	Used to set the lower limit of detection time of ON/OFF when SW46-2 is set to "Continuous." 1: 300ms / 0: 100ms	0	100ms	
	5	Dial tone ON/OFF detection time upper limit (in continuous detection)	Used to set the upper limit of detection time of ON/OFF when SW46-2 is set to "Intermittent." 1: 400ms / 0: 700ms	0	700ms	
	6-8	Not used		0 1 0		
49	1-8	Dial number in tone pulse auto setting	Used to set dial number (2 digits) in auto setting of telephone kind (DP/DTMF). Setting is made by BCD input. The set range is 0 ~ B. When set to outside the set range, the default value of 55 is applied to.	0 1 0 1 0 1 0 1	55	
50	1-4	After sending CFR, dual waiting is inhibited for 1.6sec.	Used to set the time of inhibition of both waiting (low speed and high speed) after sending the CFR signal from the machine in the reception procedure other than V.34. Bit No. 1 2 3 4 0ms 1 1 1 1 1600 0 0 0 0 Other value than the above: Set value x 200ms.	0 0 0 0	1600ms	
	5-6	Not used		0 0		

<table>
<tr><th>SW No.</th><th>Bit No.</th><th>Item</th><th>Switch selection and function</th><th>USA</th><th>Initial value</th><th>Key operator</th></tr>
<tr><td>50</td><td>7</td><td>Setup of send/receive complete sound (buzzer length)</td><td>Used to set the buzzer length from the speaker made after completion of FAX transmission and reception. Excluding when a communication error occurs.
<table><tr><td>1: 3sec</td><td>0: 1sec</td></tr></table></td><td>0</td><td>1sec</td><td></td></tr>
<tr><td></td><td>8</td><td>Not used</td><td></td><td>0</td><td></td><td></td></tr>
<tr><td>51</td><td>1</td><td>Voice answering send level to the line</td><td>Used to set the voice answering volume to the line. Set to Large or Small with the hardware.
<table><tr><td>1: Small</td><td>0: Large</td></tr></table></td><td>0</td><td>Large</td><td></td></tr>
<tr><td></td><td>2-7</td><td>Not used</td><td></td><td>1
0
0
0
0
0</td><td></td><td></td></tr>
<tr><td></td><td>8</td><td>Line monitor range</td><td>Used to set the line monitor range when the line monitor function is used. When set to "Until NSF signal send/receive," monitoring is made until DCS or NSF signal is received. When set to "All," all are monitored until the line is disconnected.
<table><tr><td>1: All</td><td>0: Until sending/receiving NSF signal</td></tr></table></td><td>0</td><td>Until NSF signal send/ receive</td><td></td></tr>
<tr><td>52</td><td>1,2</td><td>Ringing sound volume</td><td>Used to set the ringing sound volume in reception regardless of handset installation.
The sound volume is available in the following four levels.
<table><tr><td>Bit No.</td><td>1</td><td>2</td></tr><tr><td>Sound NO</td><td>0</td><td>0</td></tr><tr><td>Small</td><td>0</td><td>1</td></tr><tr><td>Medium</td><td>1</td><td>0</td></tr><tr><td>Large</td><td>1</td><td>1</td></tr></table></td><td>1
0</td><td>Medium</td><td>Initial setup</td></tr>
<tr><td></td><td>3,4</td><td>Line monitor sound volume setup</td><td>Used to set the speaker volume in line monitoring.
The volume is available in the following 4 levels.
<table><tr><td>Bit No.</td><td>3</td><td>4</td></tr><tr><td>Sound NO</td><td>0</td><td>0</td></tr><tr><td>Small</td><td>0</td><td>1</td></tr><tr><td>Medium</td><td>1</td><td>0</td></tr><tr><td>Large</td><td>1</td><td>1</td></tr></table></td><td>1
0</td><td>Medium</td><td>Initial setup</td></tr>
<tr><td></td><td>5,6</td><td>Speaker volume when on-hook (Speaker volume when DTMF sending)</td><td>Used to set the speaker volume when the on-hook button is pressed.
The volume is available in the following 3 kinds.
<table><tr><td>Bit No.</td><td>5</td><td>6</td></tr><tr><td>Medium</td><td>0</td><td>0</td></tr><tr><td>Small</td><td>0</td><td>1</td></tr><tr><td>Medium</td><td>1</td><td>0</td></tr><tr><td>Large</td><td>1</td><td>1</td></tr></table></td><td>1
0</td><td>Medium</td><td>Initial setup</td></tr>
<tr><td></td><td>7,8</td><td>Not used</td><td></td><td>1
0</td><td></td><td></td></tr>
<tr><td>53</td><td>1,2</td><td>Transmission end sound volume</td><td>Used to set the volume of transmission end sound from the speaker when FAX transmission is completed. The sound volume is available in the following 4 kinds.
<table><tr><td>Bit No.</td><td>1</td><td>2</td></tr><tr><td>Sound NO</td><td>0</td><td>0</td></tr><tr><td>Small</td><td>0</td><td>1</td></tr><tr><td>Medium</td><td>1</td><td>0</td></tr><tr><td>Large</td><td>1</td><td>1</td></tr></table></td><td>0
0</td><td>Sound NO</td><td></td></tr>
</table>

<table>
<tr><th>SW No.</th><th>Bit No.</th><th>Item</th><th>Switch selection and function</th><th>USA</th><th>Initial value</th><th>Key operator</th></tr>
<tr><td>53</td><td>3,4</td><td>Reception end sound volume</td><td>Used to set the volume of the FAX reception end sound from the speaker.
The volume is available in the following 4 levels.
However, "Medium" cannot be selected with the key operation.
<table><tr><th>Bit No.</th><th>3</th><th>4</th></tr><tr><td>Sound NO</td><td>0</td><td>0</td></tr><tr><td>Small</td><td>0</td><td>1</td></tr><tr><td>Medium</td><td>1</td><td>0</td></tr><tr><td>Large</td><td>1</td><td>1</td></tr></table></td><td>0
1</td><td>Small</td><td>Operation setup</td></tr>
<tr><td></td><td>5,6</td><td>Communication error end sound volume</td><td>Used to set the volume of end sound from the speaker when a Fax communication is failed. The sound volume is available in the following 4 kinds.
However, "Medium" cannot be selected with the key operation.
<table><tr><th>Bit No.</th><th>3</th><th>4</th></tr><tr><td>Sound NO</td><td>0</td><td>0</td></tr><tr><td>Small</td><td>0</td><td>1</td></tr><tr><td>Medium</td><td>1</td><td>0</td></tr><tr><td>Large</td><td>1</td><td>1</td></tr></table></td><td>0
1</td><td>Small</td><td>Operation setup</td></tr>
<tr><td></td><td>7,8</td><td>Ringing sound volume "Large" setup</td><td>Used to set the sound level of "Large" ringing sound (key operation setup) from the speaker. Including volume of Buzzer sounds (communication end sound, communication error sound).
<table><tr><th>Bit No.</th><th>7</th><th>8</th></tr><tr><td>Sound volume4</td><td>0</td><td>0</td></tr><tr><td>Sound volume5</td><td>0</td><td>1</td></tr><tr><td>Sound volume6</td><td>1</td><td>0</td></tr><tr><td>Sound volume7</td><td>1</td><td>1</td></tr></table></td><td>1
0</td><td>Sound volume 6</td><td></td></tr>
<tr><td>54</td><td>1,2</td><td>Ringing sound volume "Medium" setup</td><td>Used to set the sound level of "Medium" ringing sound (key operation setup) from the speaker. Including volume of Buzzer sounds (communication end sound, communication error sound).
<table><tr><th>Bit No.</th><th>1</th><th>2</th></tr><tr><td>Sound volume2</td><td>0</td><td>0</td></tr><tr><td>Sound volume3</td><td>0</td><td>1</td></tr><tr><td>Sound volume4</td><td>1</td><td>0</td></tr><tr><td>Sound volume5</td><td>1</td><td>1</td></tr></table></td><td>1
0</td><td>Sound volume 4</td><td></td></tr>
<tr><td></td><td>3,4</td><td>Ringing sound volume "Small" setup</td><td>Used to set the sound level of "Small" ringing sound (key operation setup) from the speaker. Including volume of Buzzer sounds (communication end sound, communication error sound).
<table><tr><th>Bit No.</th><th>3</th><th>4</th></tr><tr><td>Sound volume0 (Sound NO)</td><td>0</td><td>0</td></tr><tr><td>Sound volume1</td><td>0</td><td>1</td></tr><tr><td>Sound volume2</td><td>1</td><td>0</td></tr><tr><td>Sound volume3</td><td>1</td><td>1</td></tr></table></td><td>1
0</td><td>Sound volume 2</td><td></td></tr>
<tr><td></td><td>5,6</td><td>Line monitor sound volume "Large" setup</td><td>Used to set the sound level of "Large" line monitor sound (key operation setup) from the speaker.
<table><tr><th>Bit No.</th><th>5</th><th>6</th></tr><tr><td>Sound volume4</td><td>0</td><td>0</td></tr><tr><td>Sound volume5</td><td>0</td><td>1</td></tr><tr><td>Sound volume6</td><td>1</td><td>0</td></tr><tr><td>Sound volume7</td><td>1</td><td>1</td></tr></table></td><td>1
0</td><td>Sound volume 6</td><td></td></tr>
<tr><td></td><td>7,8</td><td>Line monitor sound volume "Medium" setup</td><td>Used to set the sound level of "Medium" line monitor sound (key operation setup) from the speaker.
<table><tr><th>Bit No.</th><th>7</th><th>8</th></tr><tr><td>Sound volume2</td><td>0</td><td>0</td></tr><tr><td>Sound volume3</td><td>0</td><td>1</td></tr><tr><td>Sound volume4</td><td>1</td><td>0</td></tr><tr><td>Sound volume5</td><td>1</td><td>1</td></tr></table></td><td>1
0</td><td>Sound volume 4</td><td></td></tr>
</table>

<table>
<tr><th>SW No.</th><th>Bit No.</th><th>Item</th><th>Switch selection and function</th><th>USA</th><th>Initial value</th><th>Key operator</th></tr>
<tr><td rowspan="5">55</td><td>1,2</td><td>Line monitor sound volume "Small" setup</td><td>Used to set the sound level of "Small" line monitor sound (key operation setup) from the speaker.
<table><tr><th>Bit No.</th><th>1</th><th>2</th></tr><tr><td>Sound volume0 (Sound NO)</td><td>0</td><td>0</td></tr><tr><td>Sound volume1</td><td>0</td><td>1</td></tr><tr><td>Sound volume2</td><td>1</td><td>0</td></tr><tr><td>Sound volume3</td><td>1</td><td>1</td></tr></table></td><td>1
0</td><td>Sound volume 2</td><td></td></tr>
<tr><td>3,4</td><td>On-hook speaker sound volume "Large" setup</td><td>Used to set the level of "Large" sound volume from the speaker when on-hook.
<table><tr><th>Bit No.</th><th>3</th><th>4</th></tr><tr><td>Sound volume4</td><td>0</td><td>0</td></tr><tr><td>Sound volume5</td><td>0</td><td>1</td></tr><tr><td>Sound volume6</td><td>1</td><td>0</td></tr><tr><td>Sound volume7</td><td>1</td><td>1</td></tr></table></td><td>1
0</td><td>Sound volume 6</td><td></td></tr>
<tr><td>5,6</td><td>On-hook speaker sound volume "Medium" setup</td><td>Used to set the level of "Medium" sound volume from the speaker when on-hook.
<table><tr><th>Bit No.</th><th>5</th><th>6</th></tr><tr><td>Sound volume2</td><td>0</td><td>0</td></tr><tr><td>Sound volume3</td><td>0</td><td>1</td></tr><tr><td>Sound volume4</td><td>1</td><td>0</td></tr><tr><td>Sound volume5</td><td>1</td><td>1</td></tr></table></td><td>1
0</td><td>Sound volume 4</td><td></td></tr>
<tr><td>7,8</td><td>On-hook speaker sound volume "Small" setup</td><td>Used to set the level of "Small" sound volume from the speaker when on-hook.
<table><tr><th>Bit No.</th><th>7</th><th>8</th></tr><tr><td>Sound volume0 (Sound NO)</td><td>0</td><td>0</td></tr><tr><td>Sound volume1</td><td>0</td><td>1</td></tr><tr><td>Sound volume2</td><td>1</td><td>0</td></tr><tr><td>Sound volume3</td><td>1</td><td>1</td></tr></table></td><td>1
0</td><td>Sound volume 2</td><td></td></tr>
<tr><td>56</td><td>1-7</td><td>Not used</td><td></td><td>0
1
0
0
0
0
0</td><td></td><td></td></tr>
<tr><td></td><td>8</td><td>Resend when no response from the other party</td><td>Used to set whether recall is made by judging no response of the other party as an error in transmission. No response of the other party is caused when dial is completed and the other party is a telephone.
<table><tr><td>1: Not recall</td><td>0: Recall</td></tr></table></td><td>0</td><td>Recall</td><td></td></tr>
<tr><td>57</td><td>1-4</td><td>Recall interval in busy state</td><td>Differs depending on the destination.
Used to set the recall interval in a communication error or busy state in sending. The set range is 0 - 15min in the increment of 1min by binary input. When set to 0, the default value of 3min is applied to.</td><td>0
0
1
1</td><td>3 min</td><td>Send setup</td></tr>
<tr><td></td><td>5-8</td><td>Number of times of recall in communication error</td><td>Used to set the number of times of recall in communication error in sending. The set range is 0 - 15 times by binary input. When set to 0, the default value of 1 is applied to.
The set range differs depending on the destination.</td><td>0
0
0
1</td><td>Once</td><td>Send setup</td></tr>
<tr><td>58</td><td>1-4</td><td>Number of times of recall in busy</td><td>Used to set the number of times of recall when the other party's line is busy or the other party does not receive. The set range is 1 - 14 times of 1min by binary input.
When 0 is selected, it is set to the default (2 times).
The set range differs depending on the destination.</td><td>0
0
1
0</td><td>2times</td><td>Send setup</td></tr>
<tr><td></td><td>5-8</td><td>Recall interval in communication error</td><td>Enable other than Japan, North America, Australia, and New Zealand.
Used to set the time interval of recalling in case of a communication error. Setting can be made in the increment of 1 min by binary input. If a value outside the setting range for each destination is entered, the initial value is set.</td><td>0
0
1
1</td><td>3 min</td><td>Send setup</td></tr>
<tr><td>59</td><td>1</td><td>Not used</td><td></td><td>1</td><td></td><td></td></tr>
<tr><td></td><td>2</td><td>Recall allow in busy</td><td>Used to set whether recall is made or not when the other party is busy or does not receive in transmission.
<table><tr><td>1: Recall</td><td>0: Not recall</td></tr></table></td><td>1</td><td>Recall</td><td>Send setup</td></tr>
</table>

SW No.	Bit No.	Item	Switch selection and function	USA	Initial value	Key operator
59	3	Recall allow in communication error	Used to set whether recall is made or not when a communication error occurs in transmission. 1: Recall / 0: Not recall	1	Recall	Send setup
	4	Lower limit of dial tone ON detection time	Used to set the dial tone and the minimum required time for detection of the dial tone when detecting the dial tone. 1: 250ms / 0: 500ms	0	500ms	
	5,6	DP dial pulse number process	Used to set the pulse number when delivering dial pulse. Since the pulse number differs in different countries, change the setup according to necessity. Bit No. 5 6 NORMAL (Pulse=DIAL, 10=0) 0 0 EXTEND (Pulse=DIAL+1) 0 1 REVERSE (Pulse=10-DIAL) 1 0	0 0	00	
	7,8	Not used		0 0		
60	1-8	Interval from the completion of communication to the next call	Used to set the interval from the completion of communication to the next call. The set range is 1 - 255sec by binary input. When 0 is selected, it is set to the default (10sec).	0 0 0 0 1 0 1 0	10sec	
61	1-8	Not used		0 0 0 0 1 0 0 0		
62	1,2	Dial call wait time	Used to set the wait time for dial call after connection of the line in automatic dial call. Bit No. 1 2 3.5sec 0 0 4sec 0 1 5sec 1 0 6sec 1 1	0 0	3.5sec	
	3,4	Not used		0 0		
	5,6	Tone/Pulse default setup (Dial ringing signal setup)	Used to set tone pulse default. Bit No. 5 6 10PPS 0 0 20PPS 0 1 TONE 1 0 TONE 1 1 When set to 01 in other than Japan, the default of TONE is applied to.	1 0	TONE	Initial setup
	7,8	Not used		0 0		
63	1-4	Make time (10PPS) setup	Used to set the make time when dialing at 10PPS. The set range is 0 - 15 by binary input of N into "N + 29ms" (29ms - 44ms).	1 0 1 1	40ms	Adjustment value
	5-8	Break time (10PPS) setup	Used to set the break time when dialing at 10PPS. The set range is 0 - 15 by binary input of N into "N +56ms" (56 - 71ms).	0 1 0 0	60ms	Adjustment value

<table>
<tr><th>SW No.</th><th>Bit No.</th><th>Item</th><th>Switch selection and function</th><th>USA</th><th>Initial value</th><th>Key operator</th></tr>
<tr><td rowspan="8">64</td><td rowspan="4">1-4</td><td rowspan="4">Minimum pause time (10PPS) setup</td><td rowspan="4">Used to set the minimum pause time when dialing at 10PPS.
The set range is 0 - 15 by binary input of N into "N x 10ms + 800ms" (800 - 950ms).</td><td>0</td><td rowspan="4">800ms</td><td rowspan="4">Adjustment value</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td rowspan="4">5-8</td><td rowspan="4">Not used</td><td rowspan="4"></td><td>0</td><td rowspan="4"></td><td rowspan="4"></td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td rowspan="8">65</td><td rowspan="8">1-8</td><td rowspan="8">Not used</td><td rowspan="8"></td><td>1</td><td rowspan="8"></td><td rowspan="8"></td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td>1</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td rowspan="8">66</td><td rowspan="4">1-4</td><td rowspan="4">Reserved</td><td rowspan="4"></td><td>0</td><td rowspan="4"></td><td rowspan="4"></td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td rowspan="4">5-8</td><td rowspan="4">DTMF send level (high group) setup</td><td rowspan="4">Used to set the DTFM signal send level of high group and low group in the unit of 1dB.</td><td>0</td><td rowspan="4">3</td><td rowspan="4">Adjustment value</td></tr>
<tr><td>0</td></tr>
<tr><td>1</td></tr>
<tr><td>1</td></tr>
<tr><td rowspan="8">67</td><td rowspan="4">1-4</td><td rowspan="4">DTMF send level (High group-Low group) setup</td><td rowspan="4">Used to set the difference between the high level and the lower level of DTFM signal in the unit of 0.5dB.
<table><tr><th>Bit No.</th><th>1</th><th>2</th><th>3</th><th>4</th><th>Bit No.</th><th>1</th><th>2</th><th>3</th><th>4</th></tr><tr><td>2.0dB</td><td>0</td><td>0</td><td>0</td><td>0</td><td>-2.0dB</td><td>1</td><td>0</td><td>0</td><td>0</td></tr><tr><td>2.5dB</td><td>0</td><td>0</td><td>0</td><td>1</td><td>-1.5dB</td><td>1</td><td>0</td><td>0</td><td>1</td></tr><tr><td>3.0dB</td><td>0</td><td>0</td><td>1</td><td>0</td><td>-1.0dB</td><td>1</td><td>0</td><td>1</td><td>0</td></tr><tr><td>3.5dB</td><td>0</td><td>0</td><td>1</td><td>1</td><td>-0.5dB</td><td>1</td><td>0</td><td>1</td><td>1</td></tr><tr><td>4.0dB</td><td>0</td><td>1</td><td>0</td><td>0</td><td>0dB</td><td>1</td><td>1</td><td>0</td><td>0</td></tr><tr><td>4.5dB</td><td>0</td><td>1</td><td>0</td><td>1</td><td>0.5dB</td><td>1</td><td>1</td><td>0</td><td>1</td></tr><tr><td>5.0dB</td><td>0</td><td>1</td><td>1</td><td>0</td><td>1.0dB</td><td>1</td><td>1</td><td>1</td><td>0</td></tr><tr><td>5.5dB</td><td>0</td><td>1</td><td>1</td><td>1</td><td>1.5dB</td><td>1</td><td>1</td><td>1</td><td>1</td></tr></table></td><td>0</td><td rowspan="4">2dB</td><td rowspan="4">Adjustment value</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td rowspan="4">5-8</td><td rowspan="4">Reserved</td><td rowspan="4"></td><td>0</td><td rowspan="4"></td><td rowspan="4"></td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td rowspan="5">68</td><td rowspan="3">1-5</td><td rowspan="3">DTMF signal send time</td><td rowspan="3">Used to set the DTFM signal send time when DTFM signal is transmitted.
The set range is 0 - 31 by binary input of N into
"10ms x N" (70ms - 310ms).
If set to outside the set range, it is set to the default (110ms).</td><td>0</td><td rowspan="3">110ms</td><td rowspan="3"></td></tr>
<tr><td>1</td></tr>
<tr><td>0</td></tr>
<tr><td>1</td></tr>
<tr><td>1</td></tr>
<tr><td rowspan="3">6-8</td><td rowspan="3">Not used</td><td rowspan="3"></td><td>0</td><td rowspan="3"></td><td rowspan="3"></td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td rowspan="8">69</td><td rowspan="8">1-8</td><td rowspan="8">DTMF minimum pause time setup</td><td rowspan="8">Used to set the minimum pause time between DTMF signals when DTMF signal is transmitted.
The set range is 0 - 255 by binary input of N into "1ms x N" (50ms - 255ms).If set to outside the set range, it is set to the default (120ms).</td><td>0</td><td rowspan="8">120ms</td><td rowspan="8">Adjustment value</td></tr>
<tr><td>1</td></tr>
<tr><td>1</td></tr>
<tr><td>1</td></tr>
<tr><td>1</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
<tr><td>0</td></tr>
</table>

<table>
<tr><th>SW No.</th><th>Bit No.</th><th>Item</th><th>Switch selection and function</th><th>USA</th><th>Initial value</th><th>Key operator</th></tr>
<tr><td>70</td><td>1-4</td><td>Pause time setup (between dialing)</td><td>Used to set the pause time of every pause input in dialing. The set range is 0 - 15 by binary input of N into "1sec x N" (1sec - 15sec). When 0 is selected, it is set to the default (2sec).</td><td>0
0
1
0</td><td>2sec</td><td>Initial setup</td></tr>
<tr><td></td><td>5</td><td>Detection of line current when dialing</td><td>Used to set whether dialing is made or not after detection of the line current when connecting the line in automatic dialing.
When it is set to YES and the line current is not detected, dialing is not made.
<table><tr><td>1: NO</td><td>0: YES</td></tr></table></td><td>1</td><td>NO</td><td></td></tr>
<tr><td></td><td>6</td><td>Dial tone detection</td><td>Used to set whether the dial tone is detected or not in automatic dialing.
When it is set to YES and the dial tone is not detected, dialing is not made.
<table><tr><td>1: YES</td><td>0: NO</td></tr></table></td><td>0</td><td>NO</td><td></td></tr>
<tr><td></td><td>7</td><td>Dial tone monitoring time</td><td>Used to set the judgment time for detection of dial tone.
<table><tr><td>1: 17sec</td><td>0: 5sec</td></tr></table></td><td>0</td><td>5sec</td><td></td></tr>
<tr><td></td><td>8</td><td>FAX calling CNG detection</td><td>Used to set whether CNG from the other party is detected or not when FAX calling.
When it is set to YES and CNG is detected, the line is judged as busy.
<table><tr><td>1: CNG detection YES</td><td>0: CNG detection NO</td></tr></table></td><td>0</td><td>Not detected</td><td></td></tr>
<tr><td>71</td><td>1,2</td><td>Frequency range setup for detection of DT/BT</td><td>Used to set the frequency range for detection of dial tone and busy tone.
When dial tone or busy tone is erroneously detected, change the setting.
<table><tr><th>Bit No.</th><th>4</th><th>5</th></tr><tr><td>245Hz ~ 650Hz
(North America, CTR21)</td><td>1</td><td>1</td></tr><tr><td>360Hz ~ 440Hz (Australia, German)</td><td>1</td><td>0</td></tr><tr><td>420Hz ~ 680Hz</td><td>0</td><td>1</td></tr><tr><td>Modem fixed
(Japan, UK, France, Sweden)</td><td>0</td><td>0</td></tr></table>( ): Theoretically proper area</td><td>1
1</td><td>245Hz ~ 650Hz</td><td></td></tr>
<tr><td></td><td>3</td><td>Busy tone detection</td><td>Used to set whether the busy tone signal is detected or not during automatic dialing or ringing of pseudo-call of an external telephone.
<table><tr><td>1: Busy tone is not detected.</td><td>0: Busy tone is detected.</td></tr></table></td><td>0</td><td>Detected</td><td></td></tr>
<tr><td></td><td>4,5</td><td>Busy tone detection cycle</td><td>Used to set the number of pulses for judgment of busy tone signal detection.
<table><tr><th>Bit No.</th><th>4</th><th>5</th></tr><tr><td>2Pulse</td><td>0</td><td>0</td></tr><tr><td>4Pulse</td><td>0</td><td>1</td></tr><tr><td>6Pulse</td><td>1</td><td>0</td></tr><tr><td>10Pulse</td><td>1</td><td>1</td></tr></table></td><td>0
0</td><td>2 pulses</td><td></td></tr>
<tr><td></td><td>6,7</td><td>DT/BT detection level</td><td>Used to set the minimum detection level for judgment of dial tone and busy tone detection. If a signal level is lower than this setup, it is ignored.
<table><tr><th>Bit No.</th><th>6</th><th>7</th></tr><tr><td>-43dB</td><td>0</td><td>0</td></tr><tr><td>-35dB</td><td>0</td><td>1</td></tr><tr><td>-33dB</td><td>1</td><td>0</td></tr><tr><td>-30dB</td><td>1</td><td>1</td></tr></table></td><td>0
0</td><td>-43dB</td><td></td></tr>
<tr><td></td><td>8</td><td>None-detection time of busy tone OFF</td><td>Used to set none-detection time of busy tone OFF.
Change the setup when busy tone ON section is abnormal due to noises.
<table><tr><td>1: 300ms</td><td>0: 100ms</td></tr></table></td><td>0</td><td>100ms</td><td></td></tr>
<tr><td>72</td><td>1,2</td><td>Lower limit of busy tone detection time (ON time)</td><td>Used to set the lower limit of detection time (ON time) of busy tone signal frequency. To count a busy tone signal as 1 pulse, it must be detected for more than the set time.
<table><tr><th>Bit No.</th><th>1</th><th>2</th></tr><tr><td>250ms</td><td>0</td><td>0</td></tr><tr><td>150ms</td><td>0</td><td>1</td></tr><tr><td>450ms</td><td>1</td><td>0</td></tr><tr><td>350ms</td><td>1</td><td>1</td></tr></table>For CTR21, 150ms.</td><td>0
0</td><td>250ms</td><td></td></tr>
</table>

<table>
<tr><th>SW No.</th><th>Bit No.</th><th>Item</th><th>Switch selection and function</th><th>USA</th><th>Initial value</th><th>Key operator</th></tr>
<tr><td>72</td><td>3,4</td><td>Upper limit of busy tone detection time (ON time)</td><td>Used to set the upper limit of detection time (ON time) of busy tone signal frequency. To count a busy tone signal as 1 pulse, it must be detected for less than the set time.
<table><tr><th>Bit No.</th><th>3</th><th>4</th></tr><tr><td>750ms</td><td>0</td><td>0</td></tr><tr><td>650ms</td><td>0</td><td>1</td></tr><tr><td>1000ms</td><td>1</td><td>0</td></tr><tr><td>2850ms</td><td>1</td><td>1</td></tr></table></td><td>0
0</td><td>750ms</td><td></td></tr>
<tr><td></td><td>5,6</td><td>Lower limit of busy tone OFF detection time</td><td>Used to set the lower limit time of OFF period when detecting the frequency of busy tone signal.
Only when OFF signal of busy tone signal is detected for more than this lower limit time, it is counted as one pulse.
<table><tr><th>Bit No.</th><th>5</th><th>6</th></tr><tr><td>250ms</td><td>0</td><td>0</td></tr><tr><td>150ms</td><td>0</td><td>1</td></tr><tr><td>450ms</td><td>1</td><td>0</td></tr><tr><td>350ms</td><td>1</td><td>1</td></tr></table></td><td>0
0</td><td>250ms</td><td></td></tr>
<tr><td></td><td>7,8</td><td>Upper limit of busy tone OFF detection time</td><td>Used to set the upper limit of OFF time when detecting the busy tone signal frequency. If the busy tone signal is detected over this setup, it is not counted as one pulse.
<table><tr><th>Bit No.</th><th>7</th><th>8</th></tr><tr><td>750ms</td><td>0</td><td>0</td></tr><tr><td>650ms</td><td>0</td><td>1</td></tr><tr><td>1000ms</td><td>1</td><td>0</td></tr><tr><td>2850ms</td><td>1</td><td>1</td></tr></table></td><td>0
0</td><td>750ms</td><td></td></tr>
<tr><td>73</td><td>1-8</td><td>Not used</td><td></td><td>0
1
0
1
0
1
1
0</td><td></td><td></td></tr>
<tr><td>74</td><td>1-8</td><td>Not used</td><td></td><td>0
0
0
0
1
1
0
1</td><td></td><td></td></tr>
<tr><td>75</td><td>1-4</td><td>Lower limit of call signal ON time</td><td>Used to set the lower limit of ON time for detection of pulses (number of times) of call signal (CI). When CI signal ON is detected for more than the set time, it is counted as 1 pulse.
The lower limit of ON time can be set in the range of
150 - 300ms by binary input of N (0 - 15) into "N x 10 + 150ms."
This switch substitutes for the sine wave of CI detection.</td><td>0
0
0
0</td><td>150ms</td><td></td></tr>
<tr><td></td><td>5-8</td><td>Upper limit of call signal ON time</td><td>Used to set the upper limit of ON time for detection of pulses (number of times) of call signal (CI). When CI signal ON is detected for less than the set time, it is counted as 1 pulse.
The upper limit of ON time can be set in the range of
3000 - 4500ms by binary input of N (0 - 15) into "N x 100 + 3000ms."</td><td>0
0
0
0</td><td>3000ms</td><td></td></tr>
<tr><td>76</td><td>1-4</td><td>Lower limit of call signal OFF time</td><td>Used to set the lower limit of call signal (CI) OFF time for detection of pulses (number of times). When a CI signal OFF is detected for mote than the set OFF time, it is judged as 1 pulse. The lower limit of OFF time can be set in the range of 0 - 150ms by binary input of N (0 - 15) into "N x 100ms."</td><td>0
1
1
1</td><td>700ms</td><td></td></tr>
</table>

<table>
<tr><th>SW No.</th><th>Bit No.</th><th>Item</th><th>Switch selection and function</th><th>USA</th><th>Initial value</th><th>Key operator</th></tr>
<tr><td>76</td><td>5,6</td><td>Upper limit of call signal OFF time</td><td>Used to set the upper limit of wait time from pulse (number of times) detection of a call signal (CI) to the next CI signal pulse. When the next CI signal pulse is not detected within the set range, the number of calls until then is cleared.
<table><tr><th>Bit No.</th><th>5</th><th>6</th></tr><tr><td>5sec</td><td>0</td><td>0</td></tr><tr><td>10sec</td><td>0</td><td>1</td></tr><tr><td>15sec</td><td>1</td><td>0</td></tr><tr><td>20sec</td><td>1</td><td>1</td></tr></table></td><td>0
0</td><td>5sec</td><td></td></tr>
<tr><td></td><td>7,8</td><td>Not used</td><td></td><td>0
0</td><td></td><td></td></tr>
<tr><td>77</td><td>1-4</td><td>Call signal OFF no detection time</td><td>Used to set the time to ignore OFF signal and regard as ON time continuing after detection of call signal (CI) ON. This is to process PBX call signal (Ring, Ring) as one call signal.
The set range is 0 - 150ms in the increment of 100ms by binary input.</td><td>0
1
1
0</td><td>600ms</td><td></td></tr>
<tr><td></td><td>5-8</td><td>Distinctive ring</td><td>Used to set whether FAX call-in is made by distinctive ring or not.
When CI signal of other pattern than the set pattern is detected, auto call-in is not made.
<table><tr><th>Bit No.</th><th>5</th><th>6</th><th>7</th><th>8</th></tr><tr><td>OFF</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>STANDARD</td><td>0</td><td>0</td><td>0</td><td>1</td></tr><tr><td>Pattern 1</td><td>1</td><td>0</td><td>0</td><td>0</td></tr><tr><td>Pattern 2</td><td>0</td><td>1</td><td>0</td><td>0</td></tr><tr><td>Pattern 3</td><td>1</td><td>1</td><td>0</td><td>0</td></tr><tr><td>Pattern 4</td><td>0</td><td>0</td><td>1</td><td>0</td></tr><tr><td>Pattern 5</td><td>1</td><td>0</td><td>1</td><td>0</td></tr><tr><td>ON (Australia)</td><td>0</td><td>1</td><td>1</td><td>0</td></tr><tr><td>ON (Newzealand)</td><td>1</td><td>1</td><td>1</td><td>0</td></tr></table></td><td>0
0
0
0</td><td>OFF</td><td>Initial setup</td></tr>
<tr><td>78</td><td>1-8</td><td>Not used</td><td></td><td>0
0
0
0
0
0
0
0</td><td></td><td></td></tr>
<tr><td>79</td><td>1-8</td><td>Not used</td><td></td><td>0
0
0
0
0
0
0
0</td><td></td><td></td></tr>
<tr><td>80</td><td>1-8</td><td>Not used</td><td></td><td>0
0
0
0
0
0
0
0</td><td></td><td></td></tr>
</table>

SW No.	Bit No.	Item	Switch selection and function	USA	Initial value	Key operator
From 81 To 100		Not used		0 0 0 0 0 0 0 0		
101	1	Setup of text print in mail receive without attached file	Used to set whether the mail text is printed or not when the received mail has no attached file. 1: Mail text is printed. 0: Mail text is not printed.	0	Not print	
	2-5	Not used		1 0 0 0		
	6	Used to set the serve check (MDN) function. <in iFAX send>	Used to set whether the MDN request field is added to the mail field or not in iFAX mail send. 1: Not request 0: Request	1	Not request	
	7	Not used		0		
	8	Mail receive process (When Content-X-CJAWNETFAX field is not received.)	Used to set whether the mail text is printed or not when "Content-X-CJAWNETFAX" is not included in the mail field in iFAX mail send. However, serve check respond mails are excluded. 1: Mail text is printed. 0: Mail text is not printed	0	Not print	
102	1,2	Not used		1 1		
	3	iFAX resolution type	Used to set the scan resolution type in iFAX send. 1: Metric (mm) series 0: Inch series	0	Inch series	
	4-6	Not used		1 1 0		
	7	Content-X-CJAWNETFAX field addition (In iFAX send)	Used to set whether "Content-X-CJ"WNETFAX" is added to the mail field or not in iFAX send. By adding this field, printing of the mail text on the iFAX receive side can be inhibited. (However, this function is valid only when the iFAX receive side supports this field.) 1: IGNORE is added 0: The field is not added	0	Not added	
	8	Not used		0		
103	1,2	Standard file format setting (Compression type) (Default)	Used to set the default of the coding system in E-mail/FTP send. Bit No. 1 2 NONE 0 0 MMR 0 1 MMR 1 0 MH 1 1	0 1	MMR	
	3,4	Standard file format setting (File type) (Default)	Used to set the default of the file format in E-mail/FTP send. Bit No. 1 2 PDF 0 0 TIFF 0 1 PDF 1 0 PDF 1 1	0 0	PDF	
	5,6	File compression type in broadcast (Including the remote side in Scan to E-mail)	Used to set the file compression type in broadcast including the remote side of Scan to E-mail. Bit No. 1 2 MH 0 0 MMR 0 1 MR 1 0 MH 1 1 MR does not function.	1 1	MH	

SW No.	Bit No.	Item	Switch selection and function	USA	Initial value	Key operator
103	7	Nighttime FAX mode setting <When iFAX receive setting is not made>	Used to set whether the minimum low power consumption mode is set or not when the right power switch is turned off. However, this function is valid only when iFAX receive setting is not made. 1: Not enter the nighttime FAX mode. / 0: Enters the nighttime FAX mode.	0	Enters the nighttime FAX mode	
	8	Display setting in NW trouble (CE-00, CE-01)	Used to set whether the operation panel is displayed or not when a network trouble occurs in NIS card installation. 1: Trouble display is not made. / 0: Trouble display is made.	0	Trouble display	
104	1	Pseudo-nighttime mode setting <When iFAX receive setting is made>	Used to set whether the minimum low power consumption mode is set or not when the right power switch is turned off. However, this function is valid only when iFAX receive setting is made. 1: Not enter the pseudo-nighttime mode. (Enters the nighttime mode.) / 0: Enters the pseudo-nighttime mode. (Not enter the nighttime mode.)	0	Enters the pseudo-nighttime mode.	
	2-8	Not used		0 0 0 0 0 0 0		
105	1-8	Not used		0 0 0 0 0 0 0 0		
106	1-4	The number of resend in iFAX communication error (Setting in NG in serve check request respond)	Used to set the number of resend in NG of serve check respond in iFAX send with serve check request. The setting range is 0 - 15 times by binary input. When set to "0," no resend is made.	0 0 1 0	Twice	
	5	iFAX date, sender's name print language select <Format>	Used to set the date and sender's name format in iFAX send. 1: North America format / 0: Follows the date format.	0	Follows the date format.	
	6-8	Not used		0 0 1		
107	1-5	Not used		0 0 0 0 0		
	6	Report output (receive reject) <iFAX only>	Used to set whether the communication report is outputted or not in "Receive reject" of iFAX receive. However, this function is valid only when the report output (in iFAX receive) is set to "Not print." 1: Output / 0: Not output	0	Not output	
	7	Not used		0		
	8	Switch from the image send display to the copy display	Used to set whether the image send display is switched to the copy display or not. 1: Switch / 0: Not switch	1	Switch	

<table>
<tr><th>SW No.</th><th>Bit No.</th><th>Item</th><th>Switch selection and function</th><th>USA</th><th>Initial value</th><th>Key operator</th></tr>
<tr><td>108</td><td>1-8</td><td>Not used</td><td></td><td>0
0
0
0
0
0
0
1</td><td></td><td></td></tr>
<tr><td>109</td><td>1</td><td>Not used</td><td></td><td>0</td><td></td><td></td></tr>
<tr><td></td><td>2-6</td><td>iFAX paper exit tray setting</td><td>Used to specify the default output tray in the combination of each output system. The combinations of the output trays are as follows.
In the case of the main unit only or the main unit without the manual feed tray and with the duplex tray, the output is always made from the center tray.
<table>
<tr><th></th><th>Bit No.</th><th></th><th></th></tr>
<tr><td>Main unit + Manual Duplex</td><td>2</td><td>1:CENTER TRAY</td><td>0:LEFT TRAY</td></tr>
<tr><td>Finisher + Duplex / Finisher</td><td>3</td><td>1:FINISHER TOP TRAY</td><td>0:LEFT TRAY</td></tr>
<tr><td>Mail bin stacker + Duplex / Mail bin stacker</td><td>4</td><td>1:MAIL BIN TOP TRAY</td><td>0:LEFT TRAY</td></tr>
<tr><td>Main unit + Saddle finisher + Duplex</td><td>5</td><td>1:CENTER TRAY</td><td>0:FINISHER TRAY</td></tr>
<tr><td>Mail bin stacker + Saddle finisher</td><td>6</td><td>1:MAIL BIN TOP TRAY</td><td>0:FINISHER TRAY</td></tr>
</table></td><td>0
0
0
0
0</td><td></td><td>iFAX Receive setup</td></tr>
<tr><td></td><td>7,8</td><td>Not used</td><td></td><td>0
0</td><td></td><td></td></tr>
<tr><td>110</td><td>1-8</td><td>Not used</td><td></td><td>0
0
0
0
0
0
0
0</td><td></td><td></td></tr>
<tr><td>111</td><td>1-3</td><td>Setting of the number of re-backup in FTP back-up</td><td>Used to set the number of resend when an error occurs with the FTGP server which was set in FTP backup of iFAX receive data. The set range is 0 - 7 times by binary input. When set to "0," re-backup is not performed.</td><td>0
1
1</td><td>3 times</td><td></td></tr>
<tr><td></td><td>4-8</td><td>Not used</td><td></td><td>0
0
0
0
0</td><td></td><td></td></tr>
<tr><td>From 112 To 120</td><td></td><td>Not used</td><td></td><td>0
0
0
0
0
0
0
0</td><td colspan="2"></td></tr>
</table>

[7] MACHINE OPERATION

1. Key operator program

KEY OPERATOR PROGRAM			Set value(Default) Engine section LCD	Remark
Operation settings	Default display setting.		[ADDRESS BOOK] (ABC)/ [ADDRESS BOOK] (Group)/ [FAX]/ [E-MAIL/FTP] (when the network scanner option is installed)/ [INTERNET-FAX] (when the network scanner option is installed)/ [SWITCH AUTOMATICALLY TO COPY MODE SCREEN]	
	The number of direct address/sender keys displayed setting		6*/8/12 (When the network scanner option is installed, the selections are 6 and 9.)	
	Must input next address key at broadcast setting		omit*/not omit	
	The number of file name/subject keys displayed setting*1		3/6	
	Initial resolution setting		standard*/fine/fine(half tone)/super fine/ super fine(half tone)/ultra fine/ ultra fine(half tone)	
	Scan complete sound setting		Low/High/Off	
	Default exposure settings		Auto*/Manual	
Fax default settings	Fax own number and name set			
	Dial mode setting		Tone*/Pulse	
	Auto wake up print		Enable*/ Disable	
	Pause time setting		1,2* ~ 15sec	
	Speaker volume settings	Speaker	Low/Medium*/High	
		Ringer volume	Low/Medium*/High /Off	
		Line monitor	Low/Medium*/High /Off	
		Fax receive	Low/Medium*/High /Off	
		Fax comm error	Low/Medium*/High /Off	
	Original print on transaction report		Enable*/ Disable / Print out error report only	
	Remote reception number setting*2		0 ~ 5* ~ 9	
	Transaction report print select setting	Single sending	Print out all report/Print out error report only*/ No printed report	
		Broadcasting	Print out all report*/Print out error report only/ No printed report	
		Receiving	Print out all report/Print out error report only/ No printed report*	
		Confidential reception	Print out notice page*/Not print out notice page	
	Activity report print select setting	Auto print at memory full	Yes/No*	
		Print daily at designated time	Yes (hour/minute)/No*	
	ECM*3		Enable*/ Disable	
	Distinctive ring detection		Pattern1 ~ 6/OFF*	
	Disable of fax number direct entry		Enable*/ Disable	
Fax send settings	Auto reduction sending setting		Enable*/ Disable	
	Rotation sending setting		Enable*/ Disable	
	Printing page number at receiver		Enable*/ Disable	
	Call timer at memory sending		30/45*/60sec	
	Date/own number print position setting		Outside the original image*/Inside the original image	
	Recall in case of line busy		Disable / Enable (recall:1/2* - 14time interval:1 - 3*- 15min)	
	Recall in case of communication error		Disable / Enable (recall:1/2* - 14time interval:1 - 3* - 15min)	
	Quick on line sending		Enable*/ Disable	

*1 When the network scanner option is installed

*2 When extension phone is connected

*3 This setting is only effective if the other machine is a G3 machine that supports ECM

KEY OPERATOR PROGRAM			Set value(Default) Engine section LCD	Remark
Fax receive settings	Auto receive reduce setting		Enable*/ Disable	
	Number of calls in auto reception		0, 1, 2* ~ 15	
	Duplex reception setting*4		Enable/ Disable*	
	Print style setting		Print actual size cut off disabled/ Print actual size cut off enabled/Auto size select*	
	Set the telephone number for data forwarding			
	Fax output tray setting*5			
	Anti junk fax setting		Enable/Disable*	
Fax polling security	Fax polling security		Allowed/Not allowed*	
	Passcode number setting			

*4 When the duplex module option is installed

*5 The trays that can be selected will vary depending on what peripheral devices have been installed.

2. Originals that can be faxed

A. Original sizes

	Minimum original size	Maximum original size
Using the automatic document feeder	8-1/2" (width) x 5-1/2" (length) (A5: 210 mm (width) x 148 mm (length))	11" (width) x 3-1/2" *(length) (297 mm (width) x 800 mm (length))
Using the document glass	5-1/2" (width) x 8-1/2" (length) (A5R: 148 mm (width) x 210 mm (length))	11" (width) x 17" (length) (297 mm (width) x 431.8 mm (length))

NOTE

Originals that are not a standard size (5-1/2" x 8-1/2", 8-1/2" x 11", 8-1/2" x 11"R, 8-1/2" x 14", 11" x 17", A5, B5, B5R, A4, A4R, B4, A3) can also be faxed.

B. Automatic reduction of faxed document

If the size (width) of the faxed document is greater than the receiving machine's paper size, the size will be automatically reduced.

Faxed document width	Receiving machine's paper width	Reduced size	Ratio (Area ratio)
11" x 17" (A3)	8-1/2" x 14" (B4)	8-1/2" x 14" (B4)	1 : 0.64 (1 : 0.78)
11" x 17" (A3)	8-1/2" x 11" (A4)	8-1/2" x 11"R (A4R)	1 : 0.5 (1 : 0.5)

A document can also be faxed without reducing its size. In this case, the left and right edges will not be transmitted.

3. Own number sending

This function prints the date, time, your programmed name, your programmed fax number, and the transmitted page number at the top center of each page that you fax. All pages that you fax include this information.

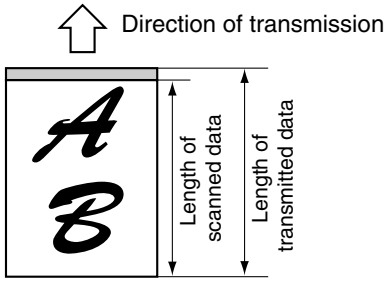
Example of fax page printed out by the receiving machine

OCT-10-2003-FRI 03:00 PM	SHARP PLANNING DIV.	FAX No. 0666211221	P. 001/001
↑ <1>	↑ <2>	↑ <3>	↑ <4>

<1> Date and time:	The date and time, and the font used to print the date and time, are set in the custom settings.
<2>Own name:	programmed with the key operator program.
<3>Own fax number:	programmed with the key operator program.
<4> Transmitted page number:	3-digit number appearing in the format, "page number/total pages" (only the page number appears if you use manual transmission or Quick On-Line transmission). If desired, you can use the key operator program to omit the page number.

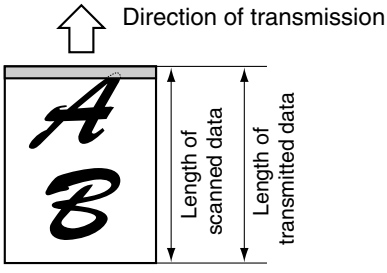
A. Position of sender's information

The key operator program can be used to select whether the sender's information is added outside the original data or inside the data. The initial factory setting is outside the data.



Outside scanned data

None of the transmitted image is cut off; however, the transmitted data is longer than the scanned data, and thus when both the sender and the receiver use the same size of paper, the printed fax may either be reduced or split up and printed on two pages.



Inside scanned data

The top edge of the scanned data will be cut off by the sender's information; however, when both the sender and the receiver use the same size of paper, the printed fax will neither be reduced nor split up and printed on two pages.

4. Quick On-line

When you use the automatic document feeder to send a multi-page document and there are no previously stored jobs waiting or in progress (and the line is not being used), the machine dials the destination after the first page is scanned and begins transmitting scanned pages while the remaining pages are being scanned. This transmission method is called Quick On-line. The messages SCANNING ORIGINAL and SENDING both appear until scanning of the final page is completed.
If the receiving party is busy, the transmission will switch to a memory transmission.

NOTES

- The machine is initially set (factory setting) to perform Quick On-line transmission. If desired, you can turn off this function with the key operator program.
- When a document is transmitted using the following methods, the job will be stored in memory (Quick On-line transmission will not be performed):

<1>Sending from the document glass
<2>Broadcast transmission
<3>Timer transmission
<4>2 in 1
<5>Card shot
<6>Job build
<7>F-code transmission

5. Trouble codes

* Only the FAX-related codes are extracted.

A. Details of trouble codes

MAIN	SUB		
F6	00	Content	Communication trouble (ICU detection) between ICU and FAX.
		Details	Communication establishment error/Fleming/ Parity/Protocol error.
		Cause	Slave unit PWB connector disconnection. Harness abnormality between slave unit PWB and ICU PWB. Slave unit PWB mother board connector pin breakage. Slave unit ROM abnormality/No ROM/ Reverse insertion of ROM/ROM pin breakable.
		Check & Remedy	Check connector harness between slave unit PWB and ICU PWB. Check grounding of machine. Check slave unit PWB ROM.
	01	Content	FAX expansion flash memory abnormality (ICU detection).
		Details	The Flash memory could not be deleted.
		Cause	The Flash memory could not be deleted.
		Check & Remedy	Check the Flash memory for saving the FAX images. Clear the Flash memory with SIM66-10.
	04	Content	FAX modem operation abnormality.
		Details	FAX PWB modem chip operation abnormality.
		Cause	SW101 on the FAX PWB tries to operate normally on the boot side. Operation trouble of the Modem chip on the FAX PWB
		Check & Remedy	Set SW101 on the FAX PWB to the other side than the BOOT side, and supply power again.
	20	Content	FAX write protect cancel.
		Details	The write protect DIP switch on the ICU PWB is released (canceled).
		Cause	The FAX write protect DIP switch is set to the FAX write enable position. FAX PWB trouble.
		Check & Remedy	Check the write protect DIP switch on the ICU PWB. Replace the FAX PWB and the ICU PWB.
F6	21	Content	Abnormal combination of the TEL/LIU PWB and the FAX soft switch.
		Details	Abnormal combination of the TEL/LIU PWB and the FAX PWB information (soft switch). The TEL/LIU PWB is not a new one for a new MDMC PWB.
		Cause	Erroneous destination of the installed TEL/ LIU PWB. Erroneous FAX PWB information (soft switch). The TEL/LIU is not a new one. Abnormal TEL/LIU PWB.
		Check & Remedy	Check the destination of the TEL/LIU PWB. Check the FAX PWB information (soft switches). Replace the TEL/LIU PWB with a new one. Replace the TEL/LIU PWB.
F6	97	Content	FAX-BOX incompatibility trouble The FAX-BOX PWB is not one for the AR-FX12(FAX detection).
		Details	The Modem controller PWB of the FAX-BOX is not for the AR-FX12.
		Cause	Because the FAX-BOX modem controller PWB information (hard detection) is not for the AR-FX12.
		Check & Remedy	Check the FAX-BOX modem controller PWB. Replace it with a modem controller PWB for the AR-FX12.
	98	Content	Abnormal combination of the FAX-BOX destination information and the machine destination information
		Details	Abnormal combination of the FAX-BOX destination information and the machine destination information
		Cause	Combination between the destination information saved in the EEPROM on the FAX-BOX and the machine destination information (set with SIM26-6) is abnormal.
		Check & Remedy	Check the FAX-BOX destination. Check the machine destination setup (SIM26-6). Use the proper combination of the machine and the FAX-BOX.
F7	01	Content	FAX board EEPROM read/write error
		Details	EEPROM access error (read/write)
		Cause	EEPROM trouble FAX PWB EEPROM access circuit trouble
		Check & Remedy	When replacing the EEPROM, use SIM72-1 to write the default value and adjust with SIM66-4/5 (Signal send level) and SIM66-14/ 15/16 (Dial text). Note that all the soft switches are reset to the initial values. If the PWB is replaced, the adjustments are not required.
U1	01	Content	FAX Battery abnormality (on the ICU PWB)
		Detail	FAX Backup SRAM battery voltage fall
		Cause	Battery life Battery circuit abnormality
		Check and remedy	Check that the battery voltage is about 2.5V or above. Check the battery circuit.
	02	Content	RTC read abnormality (common with FAX, on ICU PWB)
		Details	The value read from RTC on ICU PWB is [EE]h (abnormal).
		Cause	RTC circuit abnormality Battery voltage fall Battery circuit abnormality
		Check & Remedy	Set the time again with key operation, and check that time advances properly. Check RTC circuit. Check that battery voltage is about 2.5V or above. Check battery circuit.

MAIN	SUB		
U2	00	Content	EEPROM read/write error (ICU).
		Details	Write error to EEPROM.
		Cause	EEPROM trouble. Installation of EEPROM which is not initialized. ICU PWB EEPROM access circuit trouble.
		Check & Remedy	Check that the EEPROM is properly set. To save the counter data/adjustment values, make notes of the counter/adjustment values with the simulation. Cancel the U2 trouble with SIM16. Replace the ICU PWB.
	22	Content	SRAM memory check sum error (ICU).
		Details	SRAM memory check sum error in the MFPC section.
		Cause	SRAM trouble. Hung up of the control circuit caused by noises. ICU PWB SRAM access circuit trouble.
		Check & Remedy	Initialize the communication management table registered in the SRAM and the FAX soft switches. Registered contents are deleted. Register the deleted contents again. Cancel the U2 trouble with SIM16. Replace the ICU PWB.
	23	Content	SRAM memory individual data check sum error (ICU).
		Details	MFPC section SRAM memory individual data check sum error (Communication management table, sender registration data, etc).
		Cause	SRAM trouble. Hung up of the control circuit caused by noises. ICU PWB SRAM access circuit trouble.
		Check & Remedy	Turn OFF/ON the power to automatically initialize the data related to the contents where a check sum error occurred. Registered contents are deleted. Register the deleted contents again. Cancel the U2 trouble with SIM16. Replace the ICU PWB.
	50	Content	HD section individual data check sum error (ICU).
		Details	MFPC section HD individual data check sum error (One-touch, group, program, etc).
		Cause	Write/read error from/to HD. Hung up of the control circuit caused by noises. ICU PWB HD access circuit trouble.
		Check & Remedy	Turn OFF/ON the power to automatically initialize the data related to the contents where a check sum error occurred. Registered contents are deleted. Register the deleted contents again. Cancel the U2 trouble with SIM16. Replace the HD PWB. Replace the ICU PWB.

B. Communication report codes

This code is indicated in the column of protocol communication report in a communication repot table and a communication management table when communication is terminated.

Communication report XX (YY ZZ)
<1> <2> <3>

<1>Communication report code XX (Top 2 digits): 00 ~ 99
<2>Communication report sub code 1: YY: Not used in this machine. (Always 00)
<3>Communication report sub code 2: ZZ: Indicates details of the report.

(1) Communication report code list 1

Means of communication: S = Send, R = Receive, P = Polling, B = Bulletin board

Report code (Communication result)	Display in the column of result	Content of communication interruption	Means of communication
0 ~ 31	Refer to the following descriptions.	Depends on the point of communication interruption. For 16 or later, V.34 mode communication. Refer to "(2) Communication report code list 2" in 7-6.	
33	BUSY	The calling side cannot establish connection with the remote party.	
34	CANCEL	A communication interruption command is made during sending/receiving.The interruption key is pressed for interruption of input.	<S/R/P/B>
35	NG35XXXX	Power is failed during sending/receiving.	<S/R/P/B>
36	(No record paper)		
37	(Record paper jam)		
38	MEM. FULL	Memory over during reception.Print is not made during reception in acting reception inhibit.	<R/P><R/P>
39	(Number of paper unmatched)		
40	(Relay not received)		
41	LENGTH OVER	The send data length of one page exceeds the limit (2m) in sending.	<S/B>
42	LENGTH OVER	The receive data length of one page exceeds the limit.	<R/P>
43	(Communication) (OK)	Speaking before data transmission	
44	ORIGINAL ERROR	A document jam occurs in direct sending.	<S>
45	(Picture quality error)		
46	NO RESPONSE	The FAX signal from the remote party is not detected within T1 time.	<S/P>
47	TX DECODE ERROR	A decode error occurs in the FAX board.	<S/B>
48	OK	Normal end of communication	Normal end of communication
	OK REPLY RECEIVE	OK in internet FAX send with reception confirmation.	
49	NO RX POLL	The called side does not have polling function in polling reception. The called side has no data to send.	<P><P>
50	RX POLL FAIL	In polling reception, DCN is received for DTC.In polling sending, there is no send data.	<P><B>
51	PASS # NG	In poling sending, the allow number is not matched. In polling sending, the system number is not matched.	<B><B>
52	(No confidential function in remote party)	In confidential sending, the remote party does not have confidential function. (Including other company's machines) <1>The NSF signal has not "Confidential function" bit. <2>The NSF is not a Sharp machine.	<S>
53	(Confidential not received)	<1>In confidential sending, DCN is received for NSS.	<S>
54	(Confidential BOX NO NG)	<1>In confidential reception, a confidential box number which is not registered is specified.	<R>
55	(No relay function in remote party)	In relay command sending, the remote machine has no relay function. (Including other company's machine) <1>The NSF signal has not "Confidential function" bit. <2>The NSF is not a Sharp machine.	<S>
56	NO REL RX	<1>In relay command sending, DCN is received for NSS. <2>In relay command reception, a remote station number which is not registered is specified. <3>In F code relay broadcasting, an F code relay command is received.	<S><R><R>
57	(Relay ID unmatched)	<1>In relay command reception, the relay ID does not match.	<R>
58	REJECTED	In reception, data are sent from a remote machine of receive inhibit number.	

Report code (Communication result)	Display in the column of result	Content of communication interruption	Means of communication
59	RX NO F-CODE POLL	In F code polling (calling), the remote machine has no DIS bit 47 (polling function). In F code polling (calling), the called side has no send data. (DIS bit 9 is 0.)	<P>
60	NO F-CODE POLL	In F code polling (calling), DCN is received for SEP. In bulletin board, there is no send data for SEP.	<P><B>
61	RX POLL # NG	In bulletin board, the sub address (bulletin board number (SEP)) is not matched.	<B>
62	F POLL PASS # NG	In bulleting board, the pass code (PWD) is not matched.	<B>
63	NO F FUNC	In F code sending, the remote machine has no DIS bit 49 (sub address function). Check that the remote machine conforms to F code.	<S>
64	NO F-CODE	In F code sending : <1>DCN is received for SUB. --- Check the box number. <2>DCN is received for SID. --- Check the box number and pass code. In F code receiving : "F code relay broadcasting" or "F code confidential reception" is "Inhibited with soft SW."	<S><R>
67	F PASS # NG	In F code receiving, the pass code (SID) is not matched.	<R>
68	BOX NO NG	In F code reception, a box number which is not registered is specified. (SUB is not matched.)	<R>
69	MEMORY OVER	Memory over in quick online sending	<S>
70	(JOB MEMORY OVER)	In PC-FAX reservation, the number of remote parties is exceeded.	<S>
71	NG71XXXX*	In PC-FAX reservation, data sent from PC includes some errors.	<S>
72	NG72XXXX*	In department management setting on the machine side: •In reservation from PC-FAX or PC-IFAX, a department number which is not registered on the machine side is specified. •In reservation from PC-FAX or PC-IFAX, the department number is not specified.	<S> <S>
73	NG73XXXX*	In reservation from PC-FAX or PC-IFAX, the use quantity limit is exceeded.	<S>
74	NG74XXXX*	When reserving specified filing in document filing in PC-FAX or PC-IFAX; •The pass-code for the folder is set on the machine side and the pass-code from PC-XXX does not match with it. •The pass-code for the folder is set on the machine side and no pass-code is specified by PC-XXX.	<S> <S>
75	NG75XXXX*	Reservation cannot be made due to machine busy. (Reservation of PC-FAX cannot be accepted.) (This does not occur in Dragon.)	<S>
76	NG76XXXX*	Reserved with receive confirmation request in PC-IFAX, but the IFAX sender is not registered on the machine side.	<S>
77	NG77XXXX*	In reserving specified filing in PC-FAX or PC-IFAX, the machine has no filing function.	
78	NG78XXXX*	When making a reservation of filing designation by PC-FAX or PC-IFAX, the filing function on the machine is inhibited.	
80	NG80XXXX*	NIC connect failure (Network abnormality) •Check for disconnection of cables. •A network trouble (CE-xx) occurs. •The port is set to disable. •Authentication by the POP server is failed when POP before SMTP setting is valid.	
81	NG REPORT	In internet FAX send, reply of receive confirmation of the remote machine is not normal. (Including PC-IFAX). •Error of the disposition-modifier . •The disposition modifier is not in an error, and the disposition type is other than displayed, dispatched, or processed.	
82	NO REPORT	In internet FAX send, time-out occurs in waiting for receive confirmation from the remote machine. (Including PC-IFAX). •In a case where send confirmation wait time-out time is other than 0, when send confirmation reply from an internet FAX destination is not received. •Recalls of the set number of recalls are performed, but send confirmation reply from an internet AFX destination is not received.	
83	NG LIMIT	In E-mail/FTP, internet FAX send, the send data size exceeds the upper limit of send data.	
84	REJECTED	In e-mail receive, a sender is registered in receive reject address/domain.	<R>
85	NG85XXXX*	In e-mail receive, an error occurs in communication with POP3 server. •Header acquisition error. •Time-out during mail receive	

Report code (Communication result)	Display in the column of result	Content of communication interruption	Means of communication
86	RECEIVED	In e-mail receive, an unsupported attached file is received. Only the TIFF-F type is supported for attached files. •The TIFF-F type of the attached file cannot be recognized. •There is no attached file.	
87	NG87XXXX*	In e-mail receive, an attached file cannot be stored in memory. •Memory over	
88	NG88XXXX*	In SMTP e-mail receive, an attached file cannot be stored in memory. •Cannot be stored in memory. •The number of items of acting receive data is the maximum, and an additional data cannot be stored.	
89	NG89XXXX*	In SMTP e-mail receive, an error occurs in communication with the mail server. •Time-out occurs during e-mail receive.	
90	NG90XXXX*	After reservation by re-operation of document filing, conversion for image send cannot be made.	

* For a job status result in "Display in the column of result," "NG△△XXXX" is displayed. "△△" is the code number.
For a communication result, "Communication error △△" is displayed.

•When the communication result is OK, the communication sub code 1 and the communication sub code 2 are "0000."

•Errors in ( ) are not used in this machine.

(2) Communication report code list 2

Report code	Final receive signal (Send side)	Final receive signal (Receive side)	Remark
0	Abnormal signal	Abnormal signal	
1	NSF, DIS	(SID), (SUB), NSS, DCS	
2	CFR	(PWD), (SEP), NSC, DTC	
3	FTT	EOP	
4	MCF	EOM	
5	PIP, PIN	MPS	
6	RTN, RTP	PRI-Q	
7	No signal, DCN	DCN	
8	PPR	PPS-EOP	
9		PPS-EOM	
10		PPS-MPS, PPS-NULL	
11	RNR	RR	
12	CTR	CTC	
13	ERR	EOR-Q	
14		PPS-PRI-Q	
15			
16	Abnormal signal	Abnormal signal	V.34 MODE COMMUNICATION
17	NSF, DIS	SID, SUB, NSS, DCS	V.34 MODE COMMUNICATION
18	CFR	PWD, SEP, NSC, DTC	V.34 MODE COMMUNICATION
19	FTT	PPS-EOP	V.34 MODE COMMUNICATION
20	MCF	PPS-EOM	V.34 MODE COMMUNICATION
21	PIP, PIN	PPS-MPS, PPS-NULL	V.34 MODE COMMUNICATION
22	RTN, RTP	PRI-Q	V.34 MODE COMMUNICATION
23	No signal, DCN	DCN	V.34 MODE COMMUNICATION
24	PPR		V.34 MODE COMMUNICATION
25	RNR	RR	V.34 MODE COMMUNICATION
26	CTR	CTC	V.34 MODE COMMUNICATION
27	ERR	EOR-Q	V.34 MODE COMMUNICATION
28		PPS-PRI-Q	V.34 MODE COMMUNICATION
29	V.8Phase-1	V.8Phase-1	V.34 MODE COMMUNICATION
30	V.8Phase-2	V.8Phase-2	V.34 MODE COMMUNICATION
31	V.8Phase-3	V.8Phase-3	V.34 MODE COMMUNICATION

•For report codes 16 ~ 31, V.34 MODE COMMUNICATION.

(3) Communication report sub code

Report code 2	Content of communication interruption	Send/Receive
01	Send length over	Send
02	EOL time up	Receive
03	Carrier detection time up	Receive
04	Not used	-
05	Time up in phase C (8 min)	Send
06	Memory image decode error	Receive
07	Memory image decode error	Send
08	Time up between frames in phase C (Report code is 0 or 16.)	Send/Receive
09	Not used	-
10	Not used	-
11	Polarity reversion detection	Receive
12	Invalid command reception	Receive
13	Time up (1-minute timer/6-second time)	Receive
14	PUT error	Receive
15	In V.34 mode, time up is generated when shifting from Primary to Control.	Receive
16	In V.34 mode, time up is generated when shifting from Control to Primary.	Receive
17	Command receive time-up from MFP controller	Receive
18	Not used	-
19	Not used	-
20	Polarity reversion detection	Send
21	Invalid command reception	Send
22	Fallback retry number over	Send
23	Command retry number resend over	Send
24	Time up (T5 timer)	Send
25	Time up (T5 timer) in V.34 mode	Send
26	In V.34 mode, time up is generated when shifting from Primary to Control.	Send
27	In V.34 mode, time up is generated when shifting from Control to Primary.	Send
28	Modem chip response NG *1	Send/Receive
29	Not used	-
30	A communication error is generated between MFP controller and Modem controller. (Report code is 0 or 16.)	
31	DC current not detected (busy)	Send
32	Dial tone not detected (busy)	Send
33	Busy tone detection (busy)	Send
34	T0 time up (Remote machine not responding)	Send
35	T1 time up (Remote machine not responding)	Send
36	In dialing, polarity reversion detection (Remote machine not responding)	Send
37	Calling is not made (busy)<Collision detected (including CNG detection)>	Send
38	JBIG chip response NG	Send/Receive
60	In resend of document filed data, an error occurs in decoding or coding.	
61	In resend of document filed data, setting to inhibit resolution conversion is made. (The resolution after resend is set to be Enlarged.)	
62	In resend of document filed data, rotation setting is made for data which cannot be rotated.	
63	In resend of document filed data, data cannot be stored in HD after conversion of resolution for resend.	
70	E-mail header acquisition error	
71	Time out occurs during e-mail receive.	
72	Receive reject occurs during e-mail receive.	
73	Because of port disable, network communication is failed.	Network send
74	Authentication by the POP server is failed when POP before SMTP setting is valid.	Network send
80	There is no attached file in received e-mail.	
81	The attached file of received e-mail is not of TIFF type which is supported.	
82	The TIFF type of the attached file in received e-mail cannot be recognized. ID error	
83	The TIFF type of the attached file in received e-mail cannot be recognized. Endian error	
84	The TIFF type of the attached file in received e-mail cannot be recognized. Version error	
85	The TIFF type of the attached file in received e-mail cannot be recognized. Tag data error	
86	The TIFF type of the attached file in received e-mail cannot be recognized. Tag parameter error	
87	The TIFF type of the attached file in received e-mail cannot be recognized. Header size error	
88	The TIFF type of the attached file in received e-mail cannot be recognized. Data error	

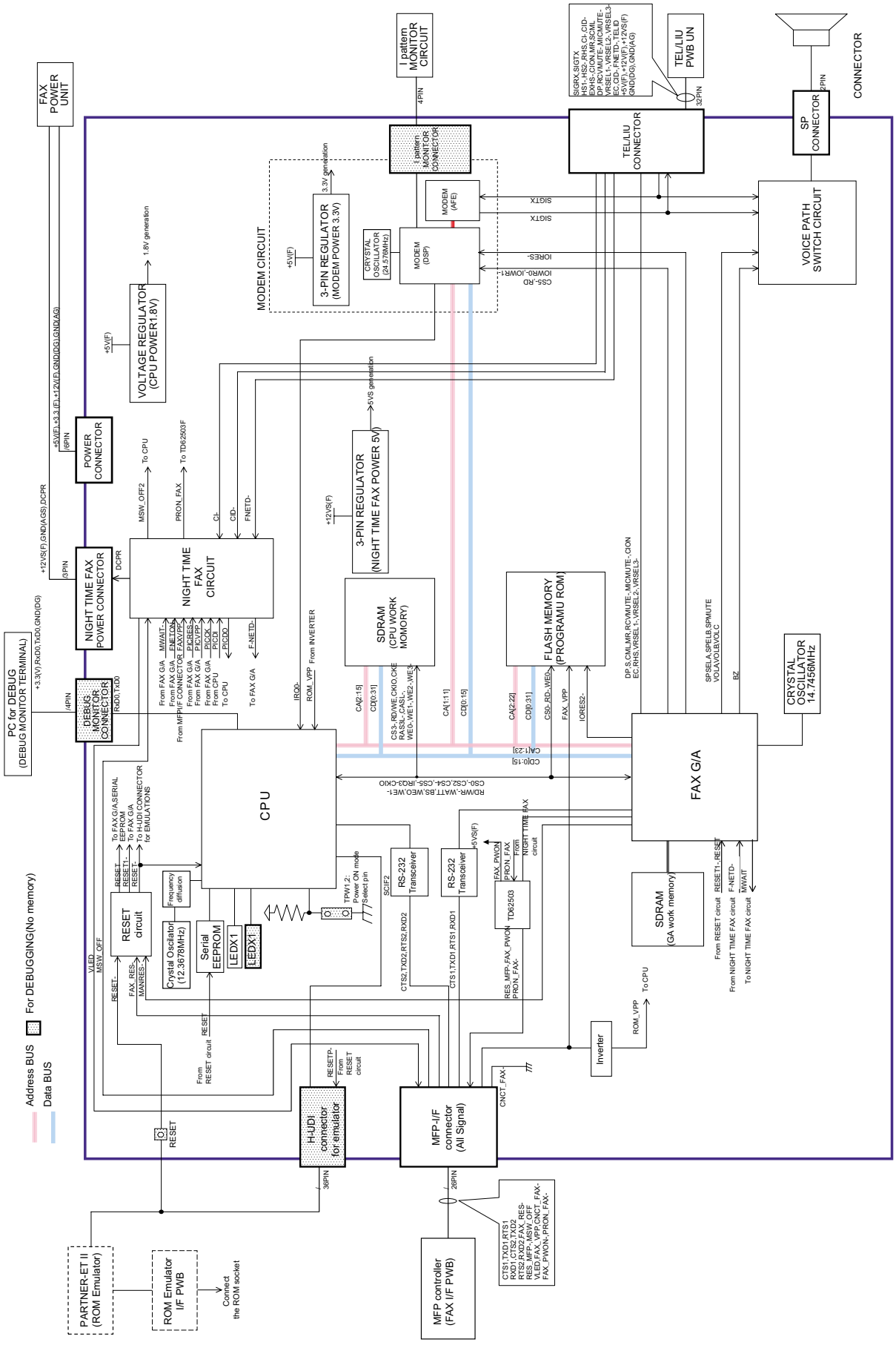
Report code 2	Content of communication interruption	Send/Receive
90	In e-mail receive, an attached file cannot be stored in memory. Memory overCannot be stored in memory.	
91	In e-mail receive, an attached file cannot be stored in memory. The file size is too great to be stored in memory.	
92	In SMTP e-mail receive, an attached file cannot be stored in memory. Cannot be stored in memory.	

*1: Does not occur in Tiger and Dragon.

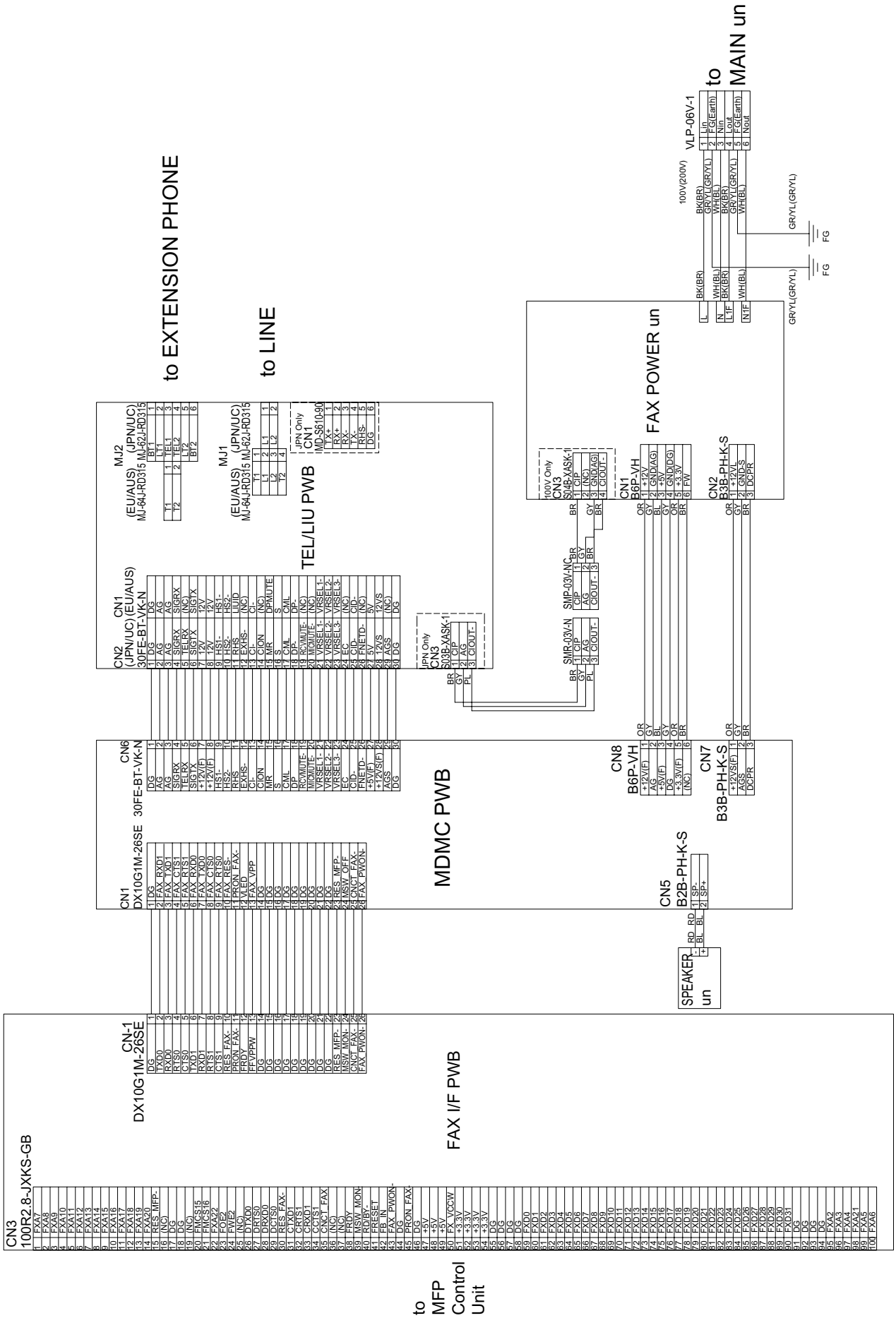
When the sub code is 08 or 30, if the communication report is OK, the report code is 00 or 16.

[8] ELECTRICAL SECTION

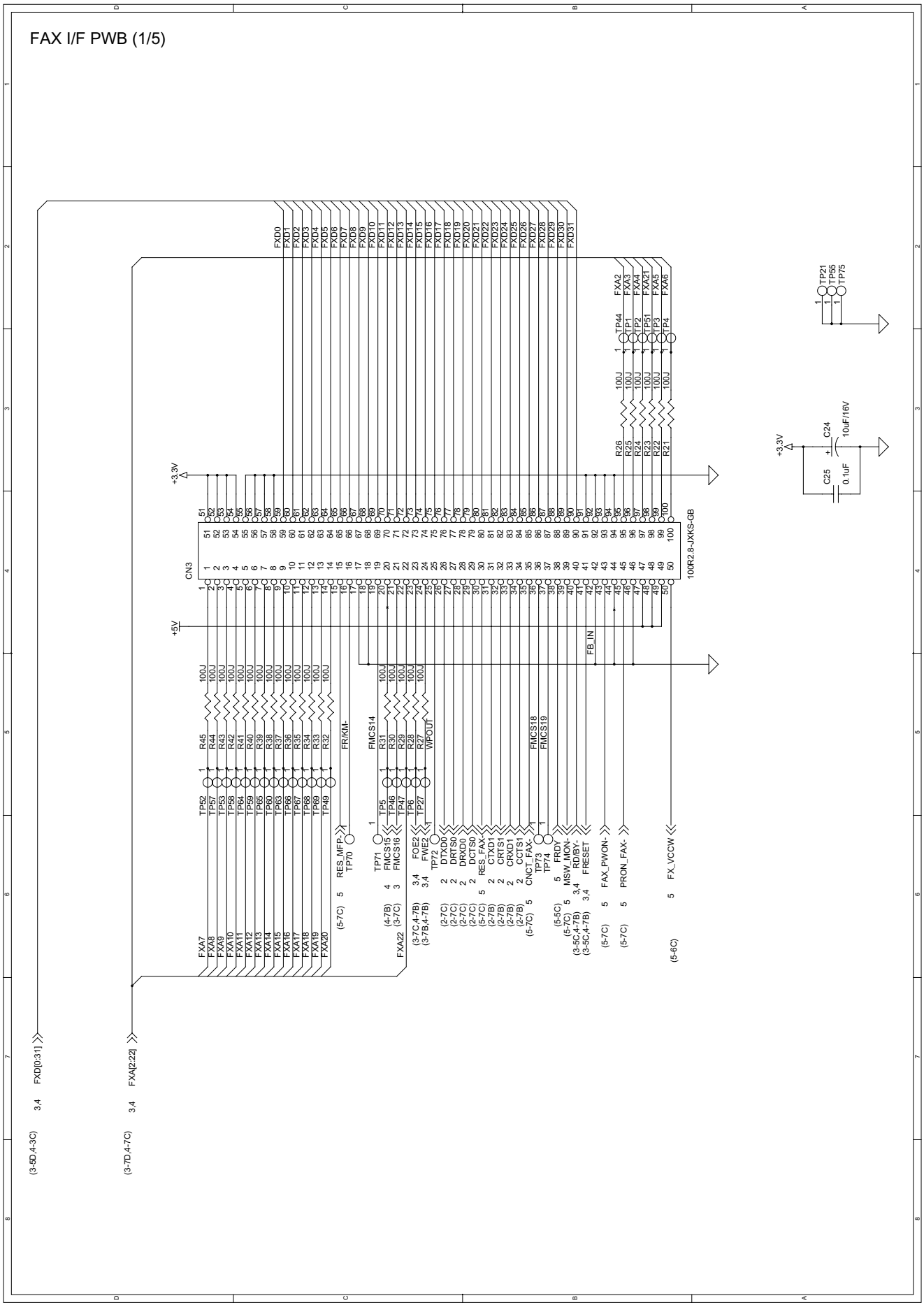
1. Block Diagram



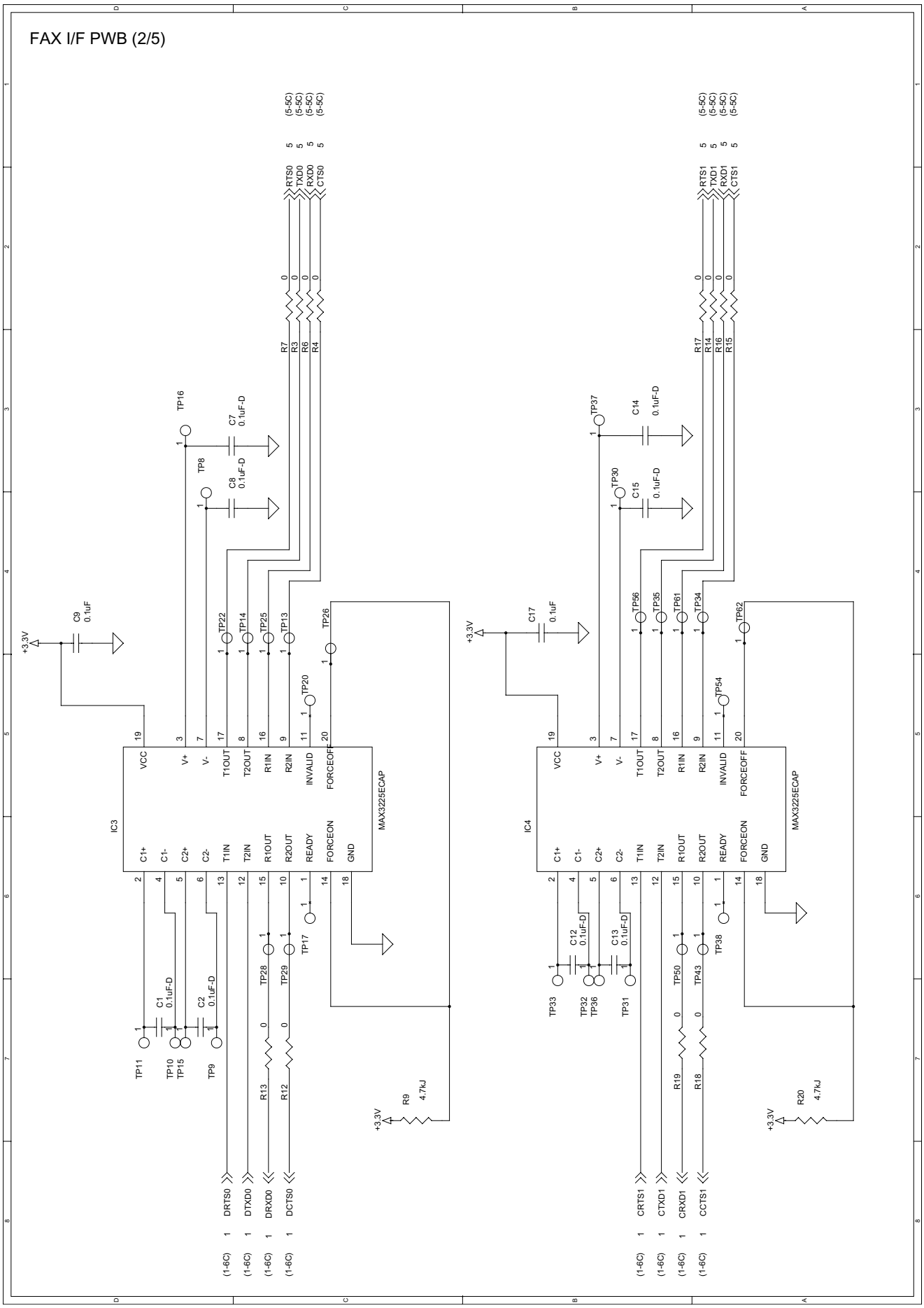
2.Actual Wiring Diagram



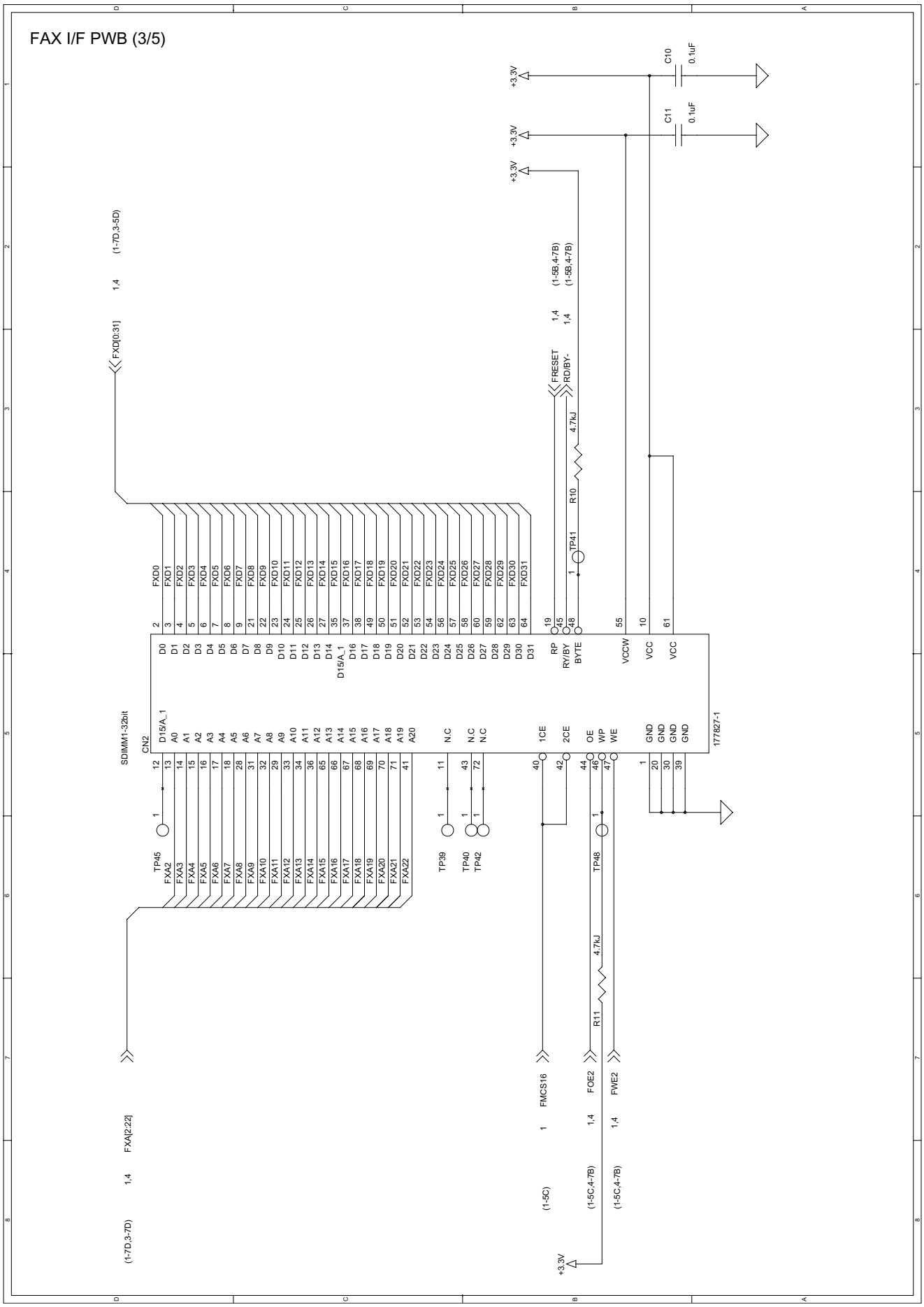
3.Circuit Diagram



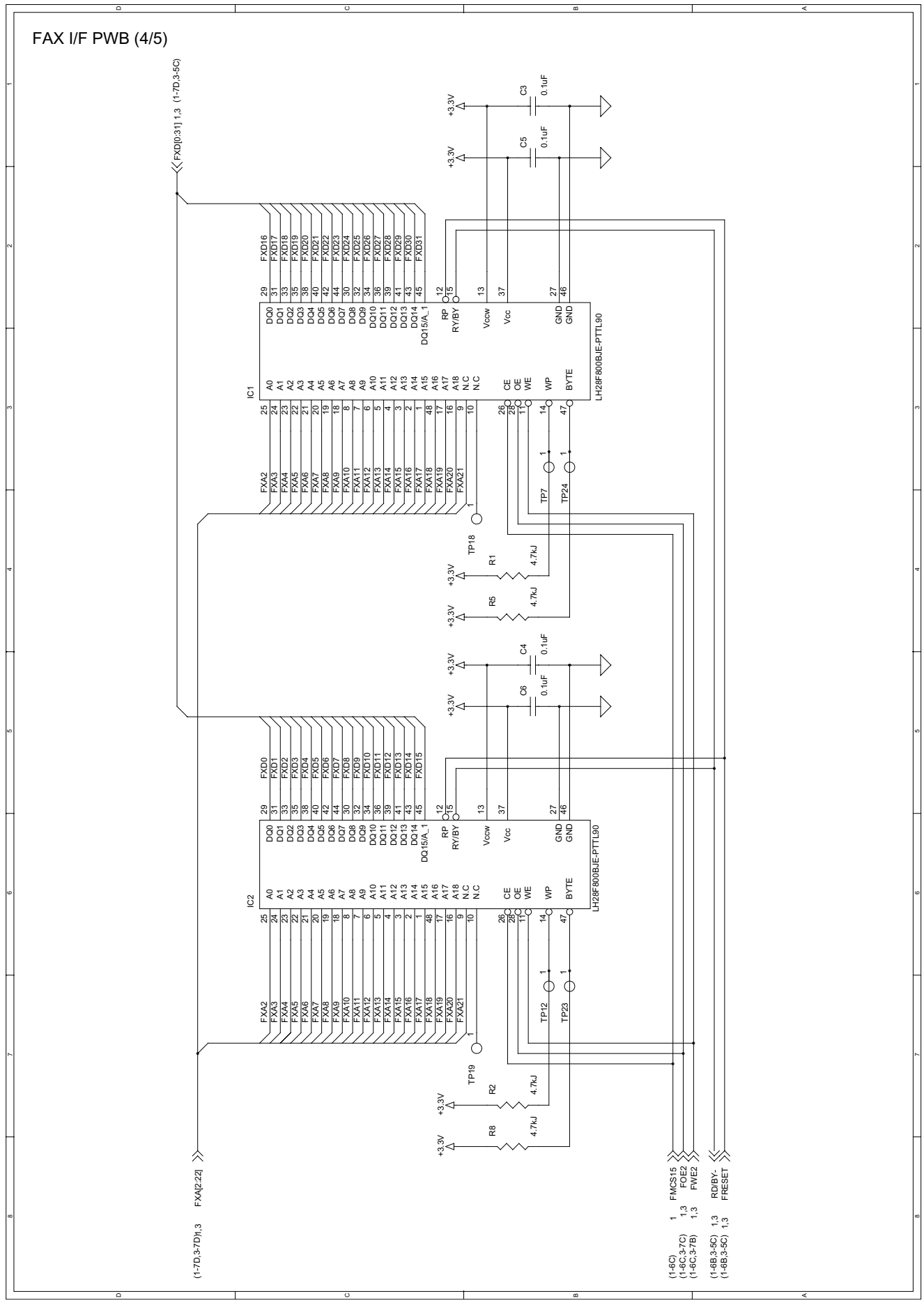
FAX I/F PWB (2/5)

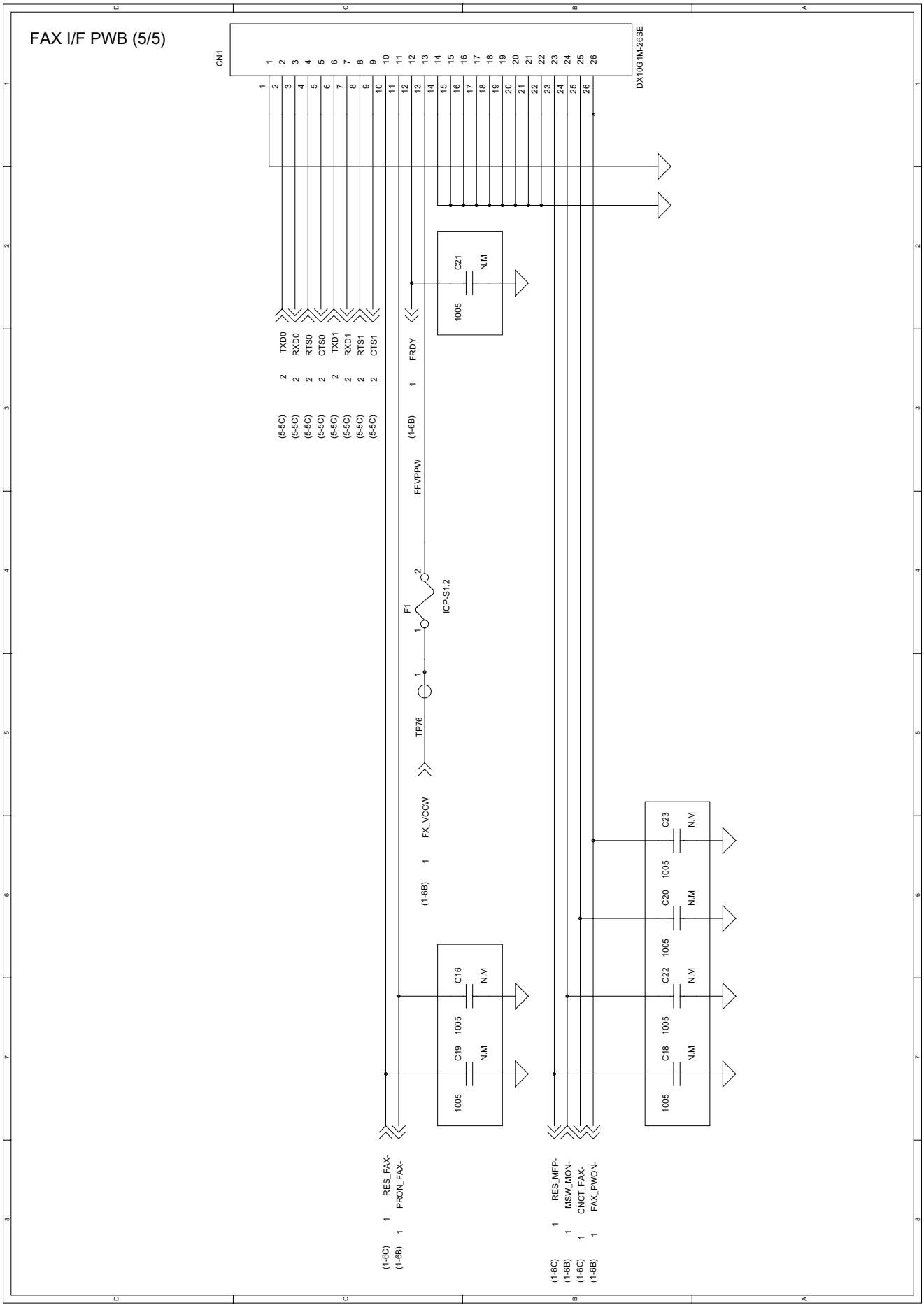

IC3
MAX3225ECAP
VCC
V+
V-
T1OUT
T2OUT
R1IN
R2IN
INVALID
FORCEOFF
C1+
C1-
C2+
C2-
T1IN
T2IN
R1OUT
R2OUT
READY
FORCEON
GND
IC4
MAX3225ECAP
+3.3V
C1 0.1uF-D
C2 0.1uF-D
C7 0.1uF-D
C8 0.1uF-D
C9 0.1uF
C12 0.1uF-D
C13 0.1uF-D
C14 0.1uF-D
C15 0.1uF-D
C17 0.1uF
R3
R4
R6
R7
R9 4.7kJ
R12
R13
R14
R15
R16
R17
R18
R19
R20 4.7kJ
TP8
TP9
TP10
TP11
TP13
TP14
TP15
TP16
TP17
TP20
TP22
TP25
TP26
TP28
TP29
TP30
TP31
TP32
TP33
TP34
TP35
TP36
TP37
TP38
TP43
TP50
TP54
TP56
TP61
TP62
DRTS0
DTXD0
DRXD0
DCTS0
CRTS1
CTXD1
CRXD1
CCTS1
RTS0
TXD0
RXD0
CTS0
RTS1
TXD1
RXD1
CTS1
(1-6C)
(5-5C)

FAX I/F PWB (3/5)

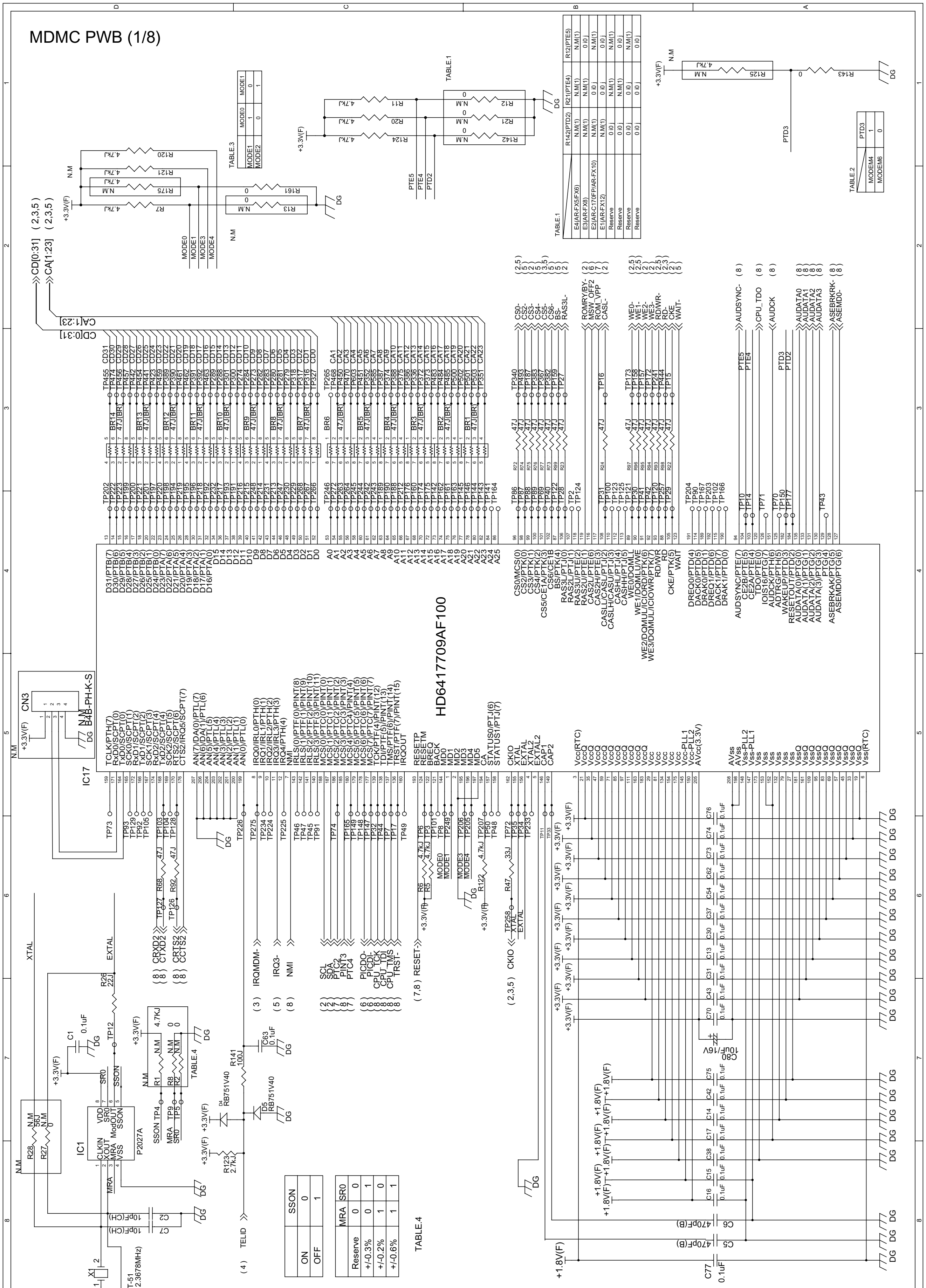

+3.3V
C10
0.1uF
C11
0.1uF
FXD[0:31]
(1-7D,3-5D)
FRESET
RD/BY-
(1-5B,4-7B)
4.7kJ
R10
TP41
SDIMM1-32bit
CN2
FXD0
FXD1
FXD2
FXD3
FXD4
FXD5
FXD6
FXD7
FXD8
FXD9
FXD10
FXD11
FXD12
FXD13
FXD14
FXD15
FXD16
FXD17
FXD18
FXD19
FXD20
FXD21
FXD22
FXD23
FXD24
FXD25
FXD26
FXD27
FXD28
FXD29
FXD30
FXD31
D15/A_1
A0
A1
A2
A3
A4
A5
A6
A7
A8
A9
A10
A11
A12
A13
A14
A15
A16
A17
A18
A19
A20
RP
RY/BY
BYTE
VCCW
VCC
VCC
N.C
N.C
N.C
1CE
2CE
OE
WP
WE
GND
GND
GND
GND
1777827-1
TP45
TP39
TP40
TP42
TP48
FXA[2:22]
(1-7D,3-7D)
(1-5C)
(1-5C,4-7B)
(1-5C,4-7B)
FMCS16
FOE2
FWE2
R11
4.7kJ

FAX I/F PWB (4/5)

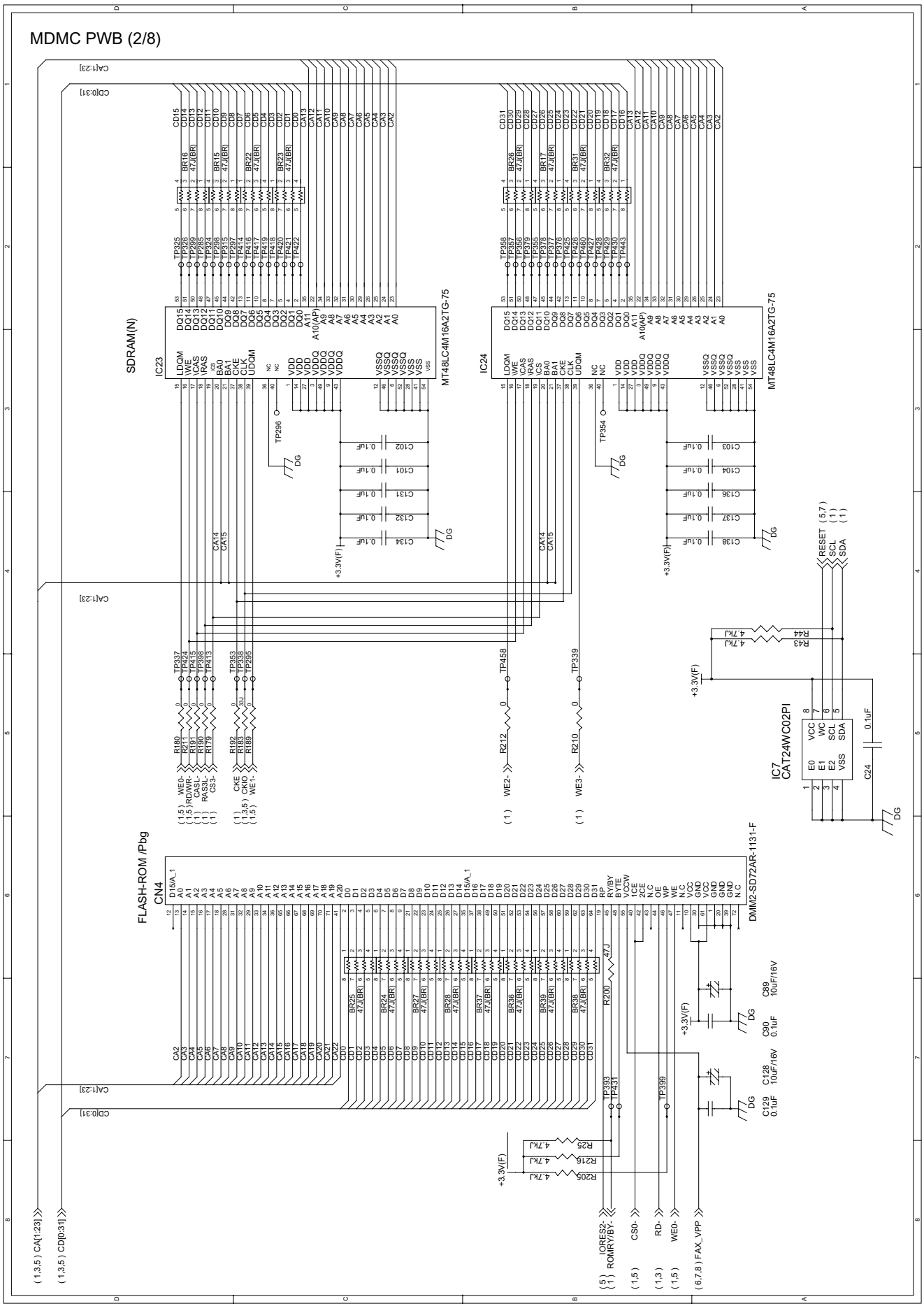

FXD[0:31] 1,3 (1-7D,3-5C)
IC1
IC2
LH28F800BJE-PTTL90
FXD0
FXD1
FXD2
FXD3
FXD4
FXD5
FXD6
FXD7
FXD8
FXD9
FXD10
FXD11
FXD12
FXD13
FXD14
FXD15
FXD16
FXD17
FXD18
FXD19
FXD20
FXD21
FXD22
FXD23
FXD24
FXD25
FXD26
FXD27
FXD28
FXD29
FXD30
FXD31
FXA2
FXA3
FXA4
FXA5
FXA6
FXA7
FXA8
FXA9
FXA10
FXA11
FXA12
FXA13
FXA14
FXA15
FXA16
FXA17
FXA18
FXA19
FXA20
FXA21
C3
C4
C5
C6
0.1uF
R1
R2
R5
R8
4.7kJ
+3.3V
TP7
TP12
TP18
TP19
TP23
TP24
(1-7D,3-7D)1,3 FXA[2:22]
(1-6C) 1 FMCS15
(1-6C,3-7C) 1,3 FOE2
(1-6C,3-7B) 1,3 FWE2
(1-6B,3-5C) 1,3 RD/BY-
(1-6B,3-5C) 1,3 FRESET

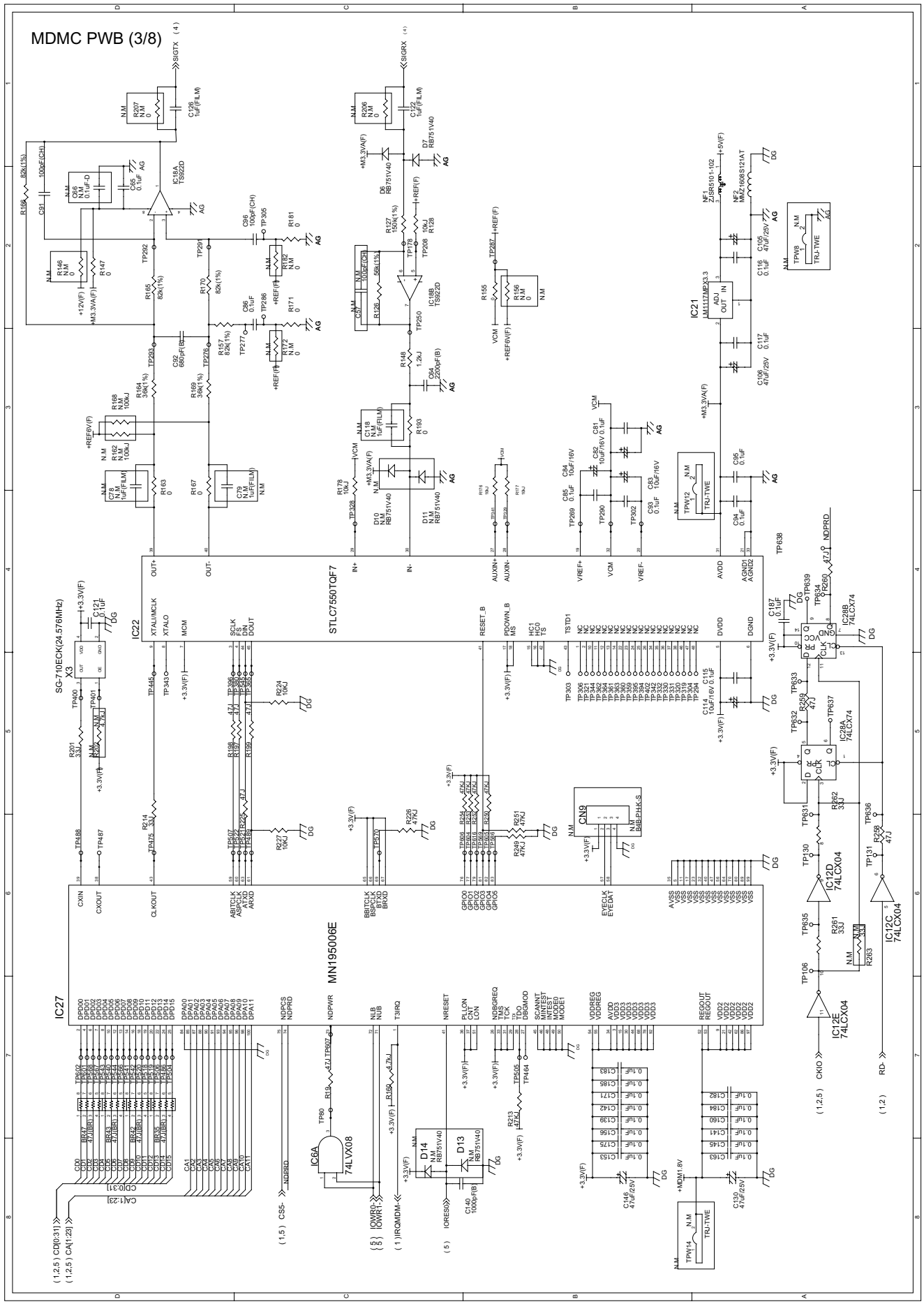

FAX I/F PWB (5/5)
CN1
DX10G1M-26SE
TXD0
RXD0
RTS0
CTS0
TXD1
RXD1
RTS1
CTS1
FRDY
FFVPPW
FX_VCCW
TP76
F1
ICP-S1.2
C21
C16
C19
C23
C20
C22
C18
N.M
1005
RES_FAX-
PRON_FAX-
RES_MFP-
MSW_MON-
CNCT_FAX-
FAX_PWON-

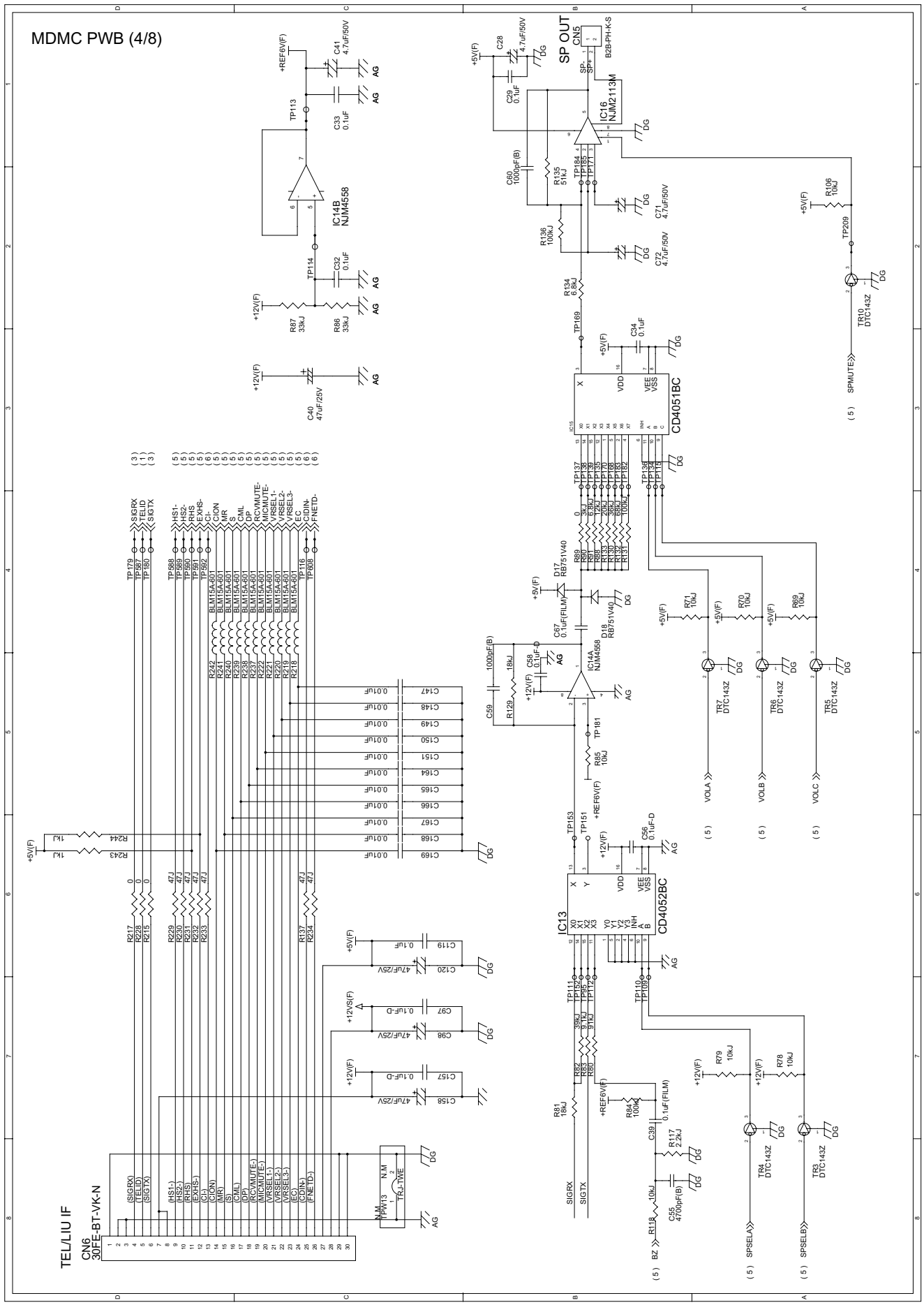
MDMC PWB (1/8)

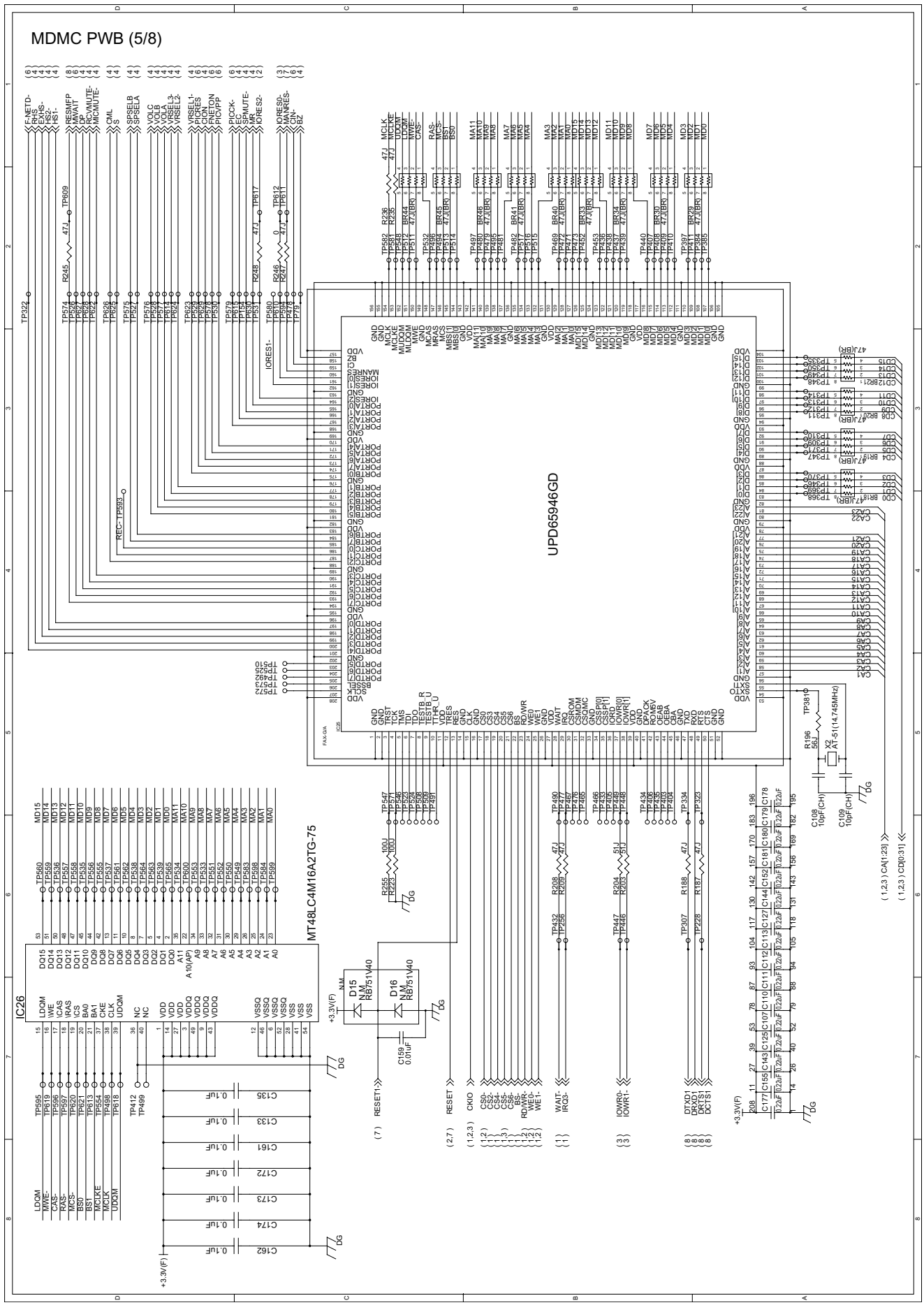

HD6417709AF100
IC17
IC1
P2027A
CN3
B4B-PH-K-S
X1
AT-51
(12.3678MHz)
TABLE.1
TABLE.2
TABLE.3
TABLE.4
CD[0:31] (2,3,5)
CA[1:23] (2,3,5)

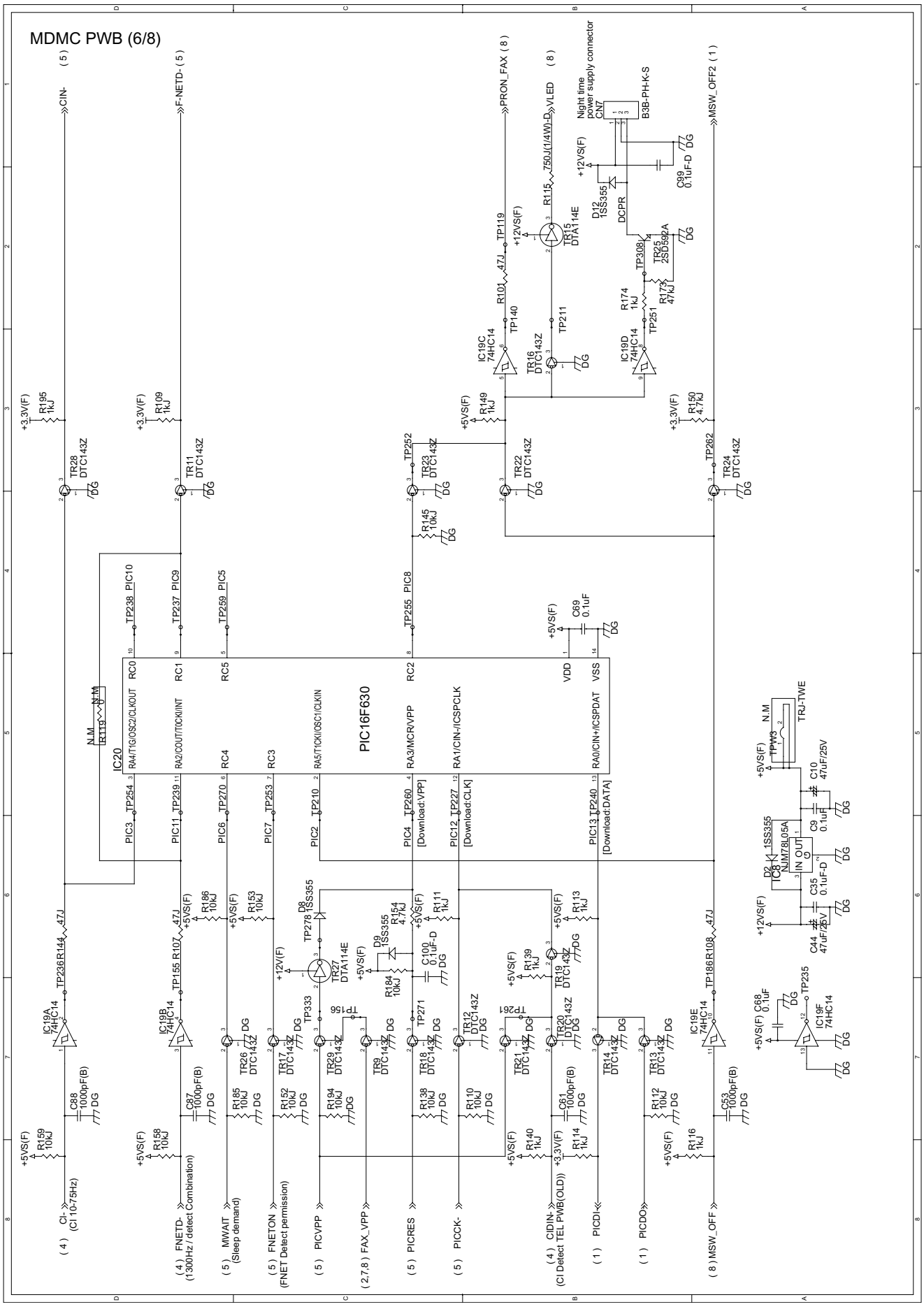
MDMC PWB (2/8)

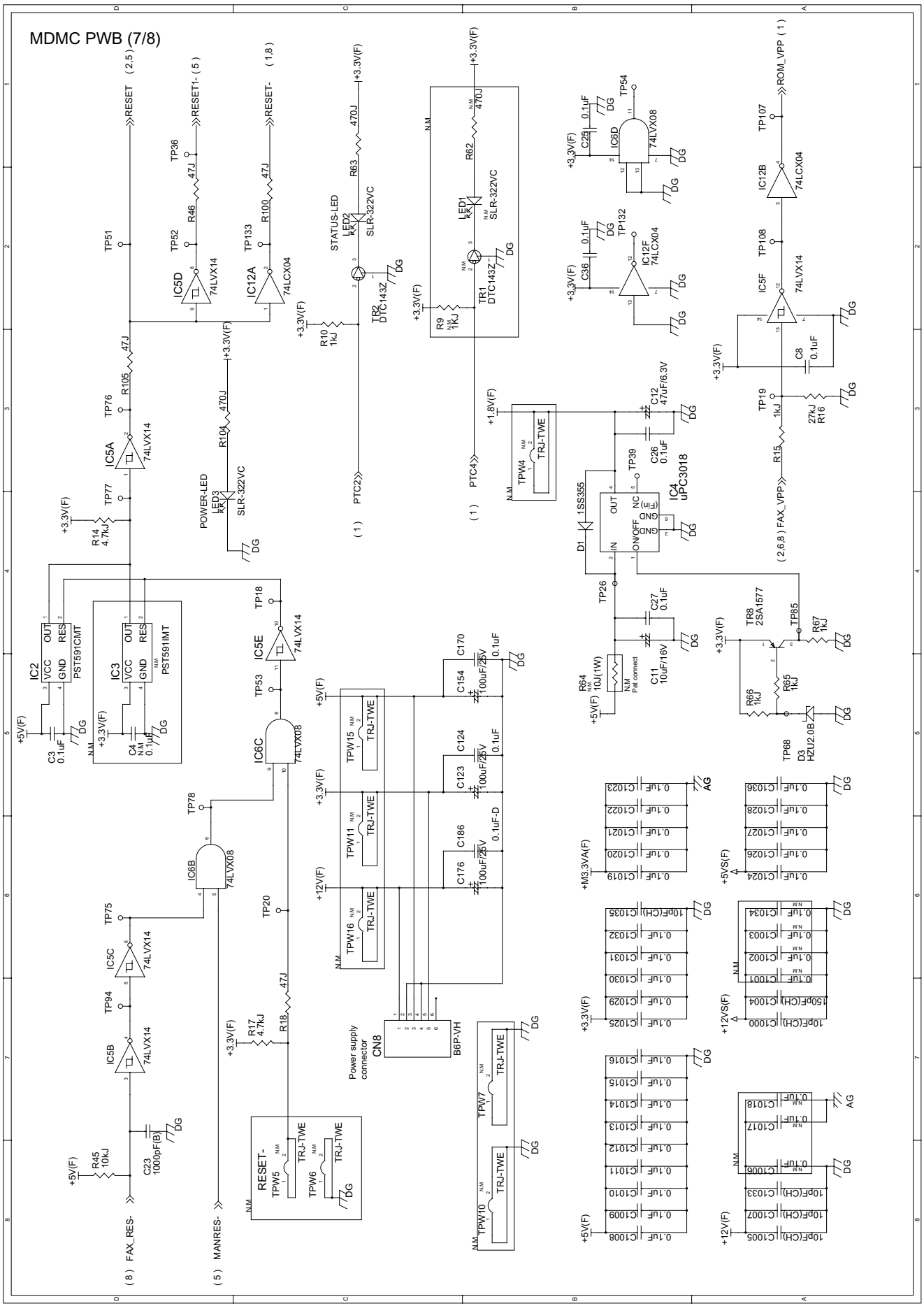

SDRAM(N)
IC23
IC24
MT48LC4M16A2TG-75
FLASH-ROM /Pbg
CN4
DMM2-SD72AR-1131-F
IC7
CAT24WC02PI
CA[1:23]
CD[0:31]
(1,3,5) CA[1:23]
(1,3,5) CD[0:31]
+3.3V(F)
DG
RESET (5,7)
SCL (1)
SDA (1)
IORES2-
ROMRY/BY-
CS0-
RD-
WE0-
FAX_VPP

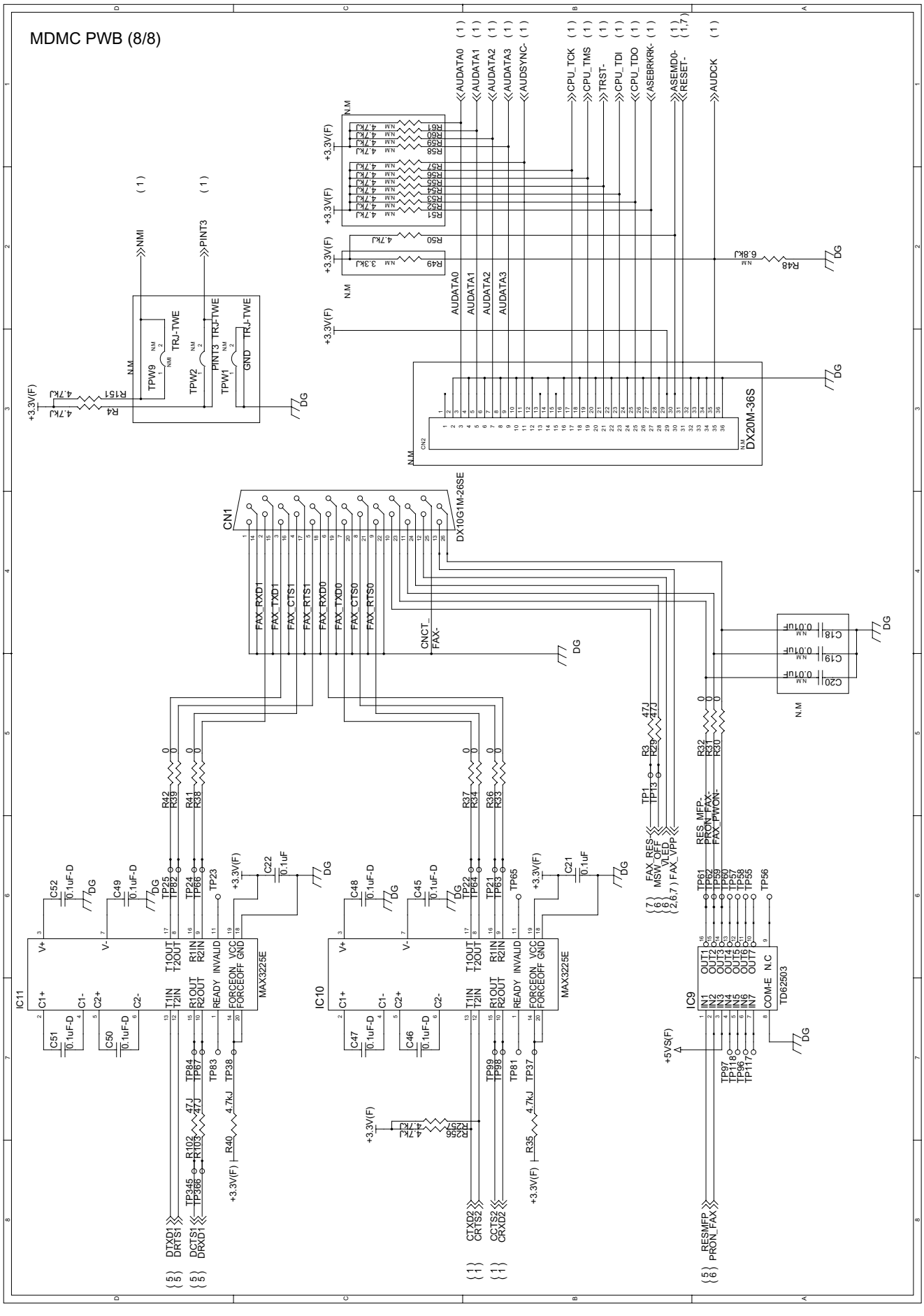

MDMC PWB (3/8)
IC27
MN195006E
IC22
STLC7550TQF7
X3
SG-710ECK(24.576MHz)
IC21
LM1117MPX3.3
IC18A TS922D
IC18B TS922D
IC6A 74LVX08
IC12D 74LCX04
IC12C 74LCX04
IC12E 74LCX04
IC28A 74LCX74
IC28B 74LCX74
CN9
NF1 ZJSR5101-102
NF2 MMZ1608S121AT
IC12C 74LCX04
(1,2,5) CD[0:31]
(1,2,5) CA[1:23]
CA[1:23]
CD[0:31]
(1,5) CS5-
(5) IORES0
(5) IOWR0-
(5) IOWR1-
(1) IRQMDM-
(1,2,5) CKIO
(1,2) RD-
+3.3V(F)
+3.3VA(F)
+REF6V(F)
+REF(F)
+12V(F)
+6V(F)
+MDM1.8V
SIGTX (4)
SIGRX (4)
NDPRD
NDPCS
NDPWR
NLB
NUB
T3IRQ
NRESET
RLION
CNT
LON
NDBGREQ
TDI
TCK
TDO
DBGMOD
SCANNT
NINTEST
MODE0
MODE1
VDDREG
AVDD
VDD3
VSS
REGOUT
VDD2
CXIN
CXOUT
CLKOUT
ABITCLK
ASDCLK
ATXD
ARXD
BBITCLK
BSDCLK
BTXD
BRXD
GPIO1
GPIO2
GPIO3
GPIO4
GPIO5
EVECLK
EVEDAT
DPD00
DPD01
DPD02
DPD03
DPD04
DPD05
DPD06
DPD07
DPD08
DPD09
DPD10
DPD11
DPD12
DPD13
DPD14
DPD15
DPA00
DPA01
DPA02
DPA03
DPA04
DPA05
DPA06
DPA07
DPA08
DPA09
DPA10
DPA11
CA0
CA1
CA2
CA3
CA4
CA5
CA6
CA7
CA8
CA9
CA10
CA11
CD0
CD1
CD2
CD3
CD4
CD5
CD6
CD7
CD8
CD9
CD10
CD11
CD12
CD13
CD14
CD15
OUT+
OUT-
IN+
IN-
AUXIN+
AUXIN-
VREF+
VCM
VREF-
AVDD
AGND1
AGND2
DVDD
DGND
SCLK
SEN
DIN
DOUT
RESET_B
PDOWN_B
MS
HC1
HC0
TS
TSTD1
AG
DG
TRU-TWE

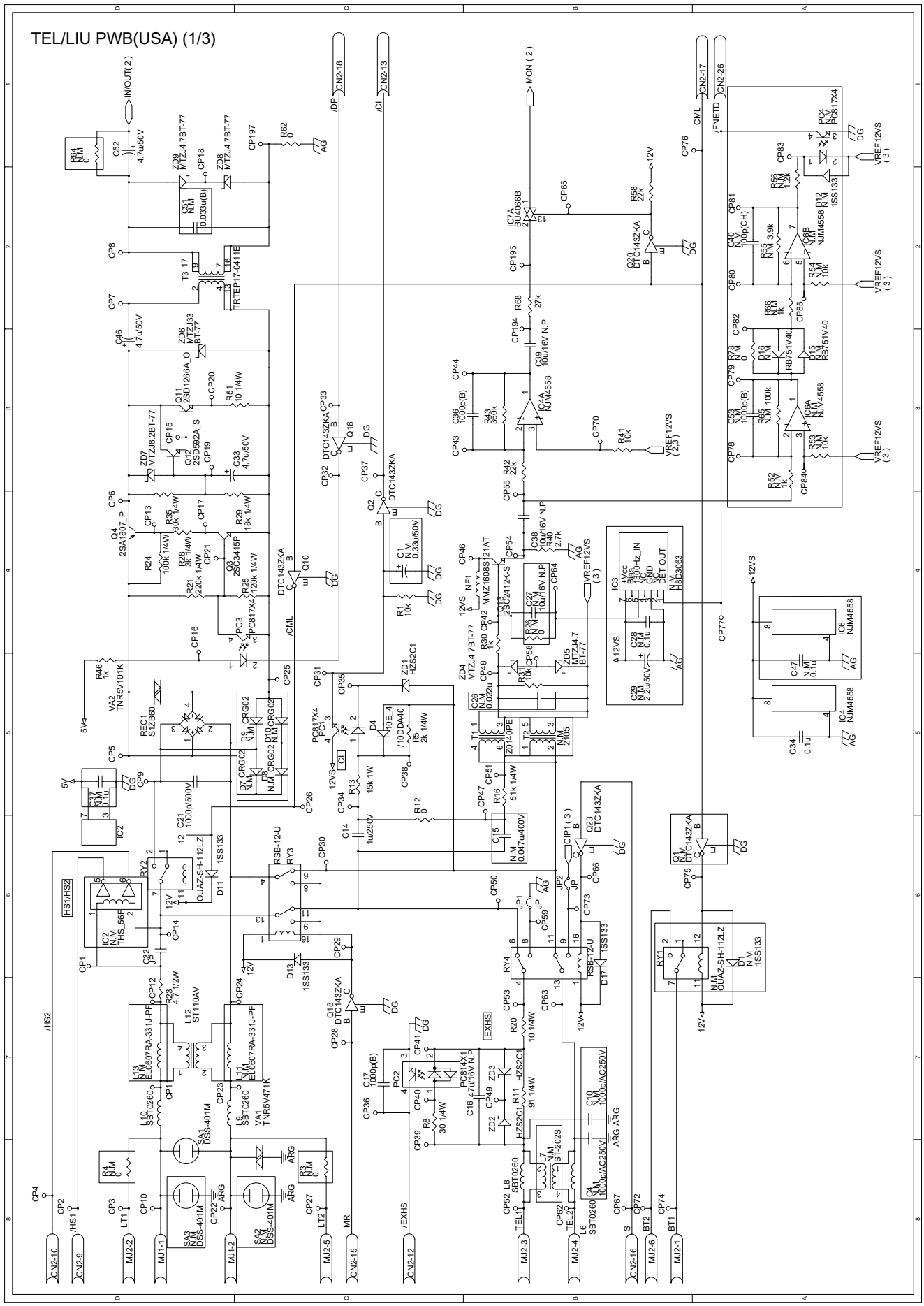

MDMC PWB (4/8)
TEL/LIU IF
CN6
30FE-BT-VK-N
SP OUT
CN5
B2B-PH-K-S
IC13
CD4052BC
CD4051BC
IC14B
NJM4558
IC14A
NJM4558
IC16
NJM2113M
IC15
SIGRX
TELID
SIGTX
HS1-
HS2-
RHS
EXHS-
CI-
CION
MR
S
CML
DP
RCVMUTE-
MICMUTE-
VRSEL1-
VRSEL2-
VRSEL3-
EC
CIDIN-
FNETD-
VOLA
VOLB
VOLC
SPSELA
SPSELB
SPMUTE
BZ
+5V(F)
+12V(F)
+12VS(F)
+REF6V(F)
AG
DG

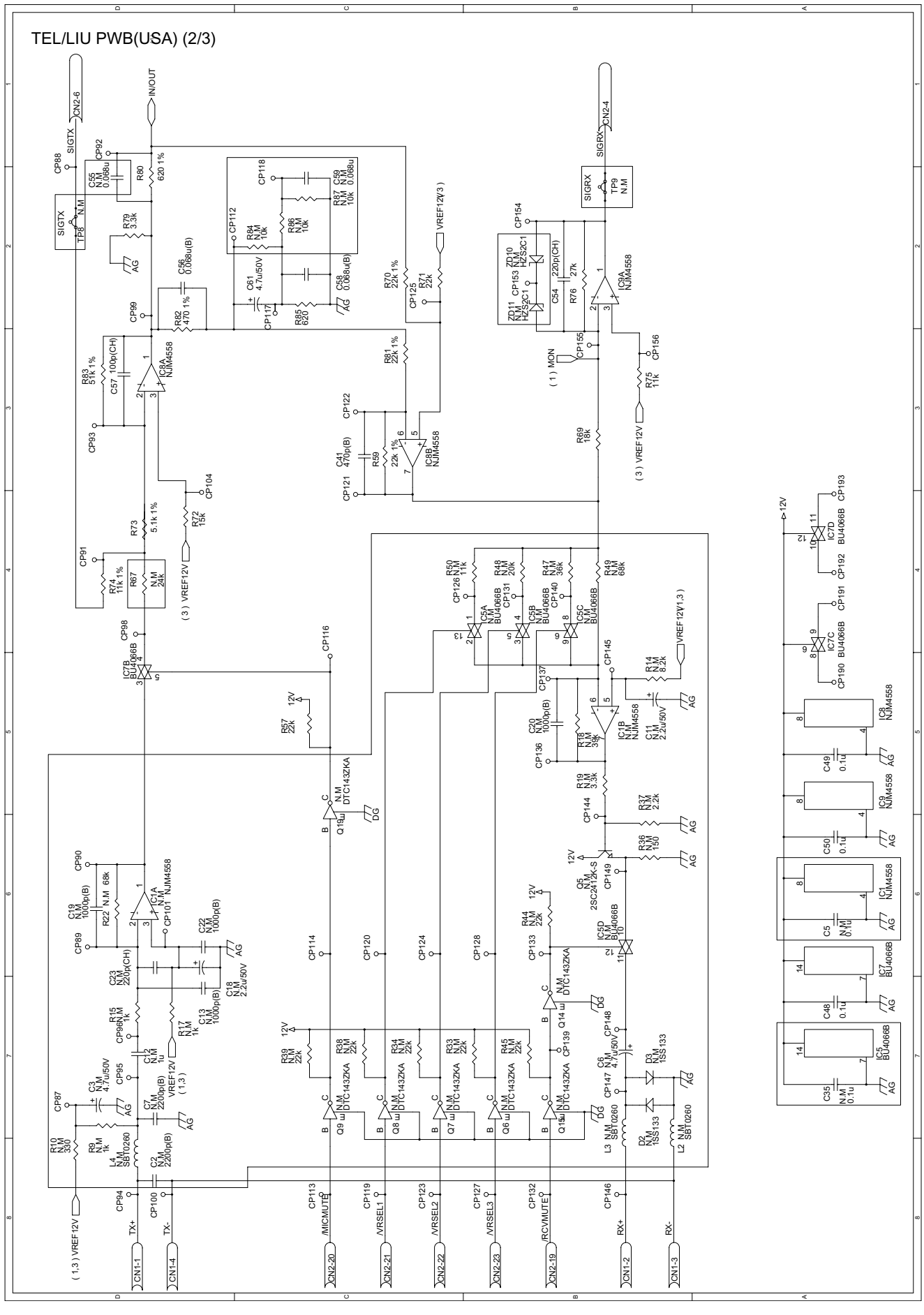

MDMC PWB (5/8)
UPD65946GD
MT48LC4M16A2TG-75
IC26


MDMC PWB (6/8)
PIC16F630
IC20
RA4/T1G/OSC2/CLKOUT
RA2/COUT/T0CKI/INT
RA5/T1CKI/OSC1/CLKIN
RA3/MCRV/VPP
RA1/CIN-/ICSPCLK
RA0/CIN+/ICSPDAT
RC0
RC1
RC5
RC4
RC3
RC2
VDD
VSS
[Download:VPP]
[Download:CLK]
[Download:DATA]
(4) CI- (CI 10-75Hz)
(4) FNETD- (1300Hz / detect Combination)
(5) MWAIT (Sleep demand)
(5) FNETON (FNET Detect permission)
(5) PICVPP
(2,7,8) FAX_VPP
(5) PICRES
(5) PICCK-
(4) CIDIN (CI Detect TEL PWB(OLD))
(1) PICDI
(1) PICDO
(8) MSW_OFF
(5) CIN-
F-NETD- (5)
PRON_FAX (8)
VLED (8)
MSW_OFF2 (1)
Night time power supply connector
CN7
B3B-PH-K-S
TRJ-TWE
IC19A 74HC14
IC19B 74HC14
IC19C 74HC14
IC19D 74HC14
IC19E 74HC14
IC19F 74HC14
IC8 NJM78L05A
TR28 DTC143Z
TR11 DTC143Z
TR22 DTC143Z
TR23 DTC143Z
TR24 DTC143Z
TR15 DTA114E
TR16 DTC143Z
TR25 2SD592A
TR27 DTA114E
TR12 DTC143Z
TR13 DTC143Z
TR14 DTC143Z
TR17 DTC143Z
TR18 DTC143Z
TR19 DTC143Z
TR20 DTC143Z
TR21 DTC143Z
TR26 DTC143Z
TR29 DTC143Z
TR9 DTC143Z
D8 1SS355
D9 1SS355
D12 1SS355
D2 1SS355
R101 47J
R115 750J (1/4W)-D
R109 1kJ
R195 1kJ
R149 1kJ
R150 4.7kJ
R174 1kJ
R173 47kJ
R144 47J
R107 47J
R186 10kJ
R153 10kJ
R154 4.7kJ
R111 1kJ
R113 1kJ
R139 1kJ
R140 1kJ
R114 1kJ
R116 1kJ
R112 10kJ
R110 10kJ
R138 10kJ
R194 10kJ
R184 10kJ
R185 10kJ
R152 10kJ
R159 10kJ
R158 10kJ
R145 10kJ
R108 47J
C88 1000pF(B)
C87 1000pF(B)
C61 1000pF(B)
C53 1000pF(B)
C100 0.1uF-D
C99 0.1uF-D
C69 0.1uF
C68 0.1uF
C35 0.1uF-D
C9 0.1uF
C10 47uF/25V
C44 47uF/25V
TP236
TP155
TP278
TP333
TP156
TP271
TP261
TP186
TP235
TP254
TP239
TP270
TP253
TP210
TP260
TP227
TP240
TP255
TP259
TP237
TP238
TP252
TP262
TP140
TP211
TP119
TP308
TP251
TPW3
N.M
R119 0
DG
+5VS(F)
+3.3V(F)
+12V(F)
+12VS(F)

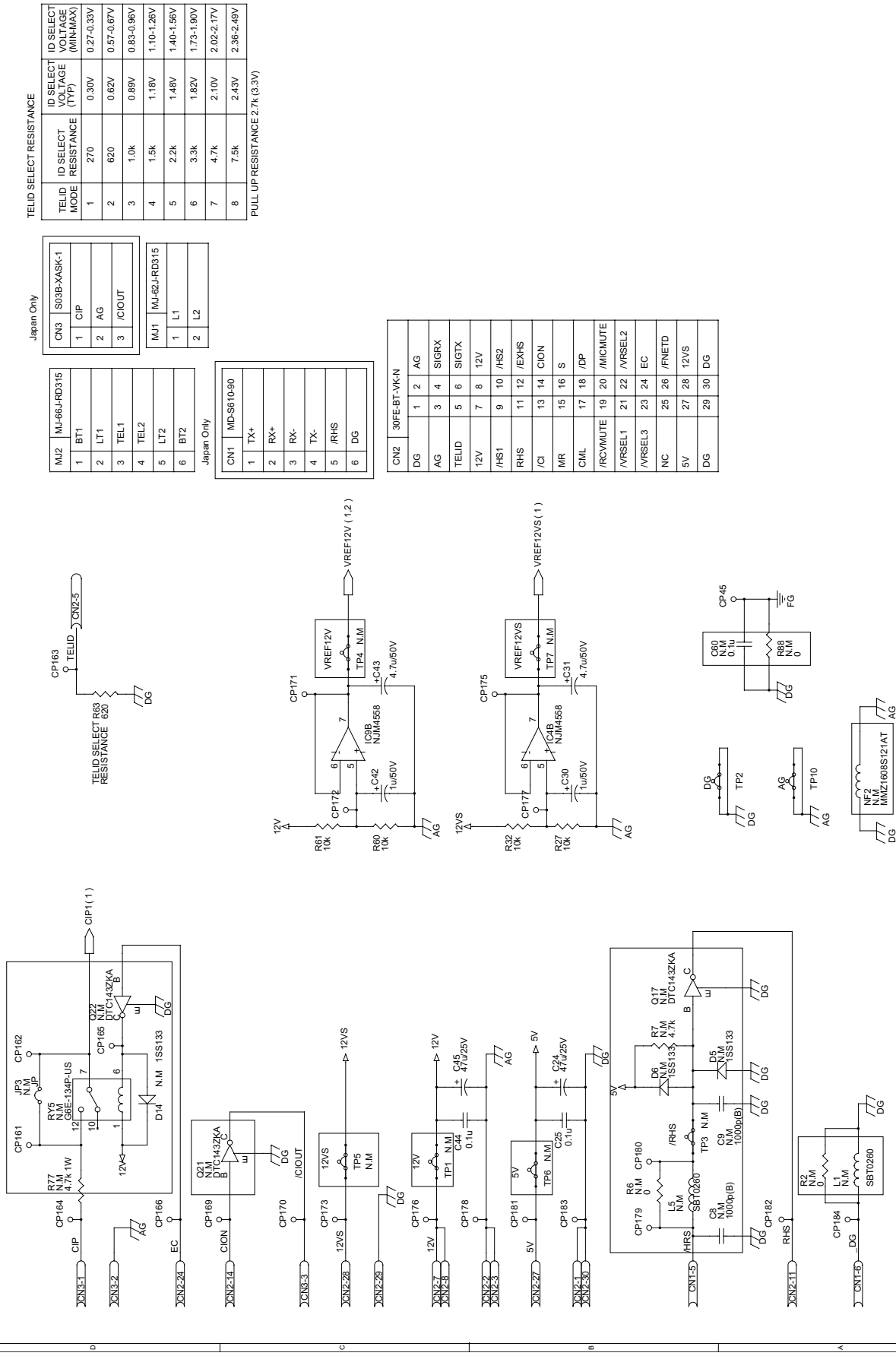

MDMC PWB (7/8)
RESET (2.5)
RESET1- (5)
RESET- (1.8)
ROM_VPP (1)
PTC2
PTC4
FAX_VPP (2.6.8)
FAX_RES- (8)
MANRES- (5)
IC2 PST591CMT
IC3 PST591IMT
IC4 uPC3018
IC5A 74LVX14
IC5B 74LVX14
IC5C 74LVX14
IC5D 74LVX14
IC5E 74LVX14
IC5F 74LVX14
IC6B 74LVX08
IC6C 74LVX08
IC6D 74LVX08
IC12A 74LCX04
IC12B 74LCX04
IC12F 74LCX04
STATUS-LED
POWER-LED
SLR-322VC
DTC143Z
1SS355
2SA1577
HZU2.0B
Power supply connector
CN8
B6P-VH
TRJ-TWE
+5V(F)
+3.3V(F)
+12V(F)
+1.8V(F)
+M3.3VA(F)
+5V(S)
+12V(S)
DG
AG


MDMC PWB (8/8)
CN1
DX10G1M-26SE
IC11
IC10
IC9
MAX3225E
TD62503
DX20M-36S
FAX_RXD1
FAX_TXD1
FAX_CTS1
FAX_RTS1
FAX_RXD0
FAX_TXD0
FAX_CTS0
FAX_RTS0
CNCT_FAX-
AUDATA0
AUDATA1
AUDATA2
AUDATA3
AUDSYNC-
CPU_TCK
CPU_TMS
TRST-
CPU_TDI
CPU_TDO
ASEBRKRK-
ASEMD0-
RESET-
AUDCK
NMI
PINT3
TRJ-TWE
DTXD1
DRTS1
DCTS1
DRXD1
CTXD2
CRTS2
CCTS2
CRXD2
RES_MFP-
PRON_FAX-
FAX_RES-
MSW_OFF
FAX_VPP
FAX_PWON-
+3.3V(F)
+5VS(F)
DG
N.M


TEL/LIU PWB(USA) (1/3)

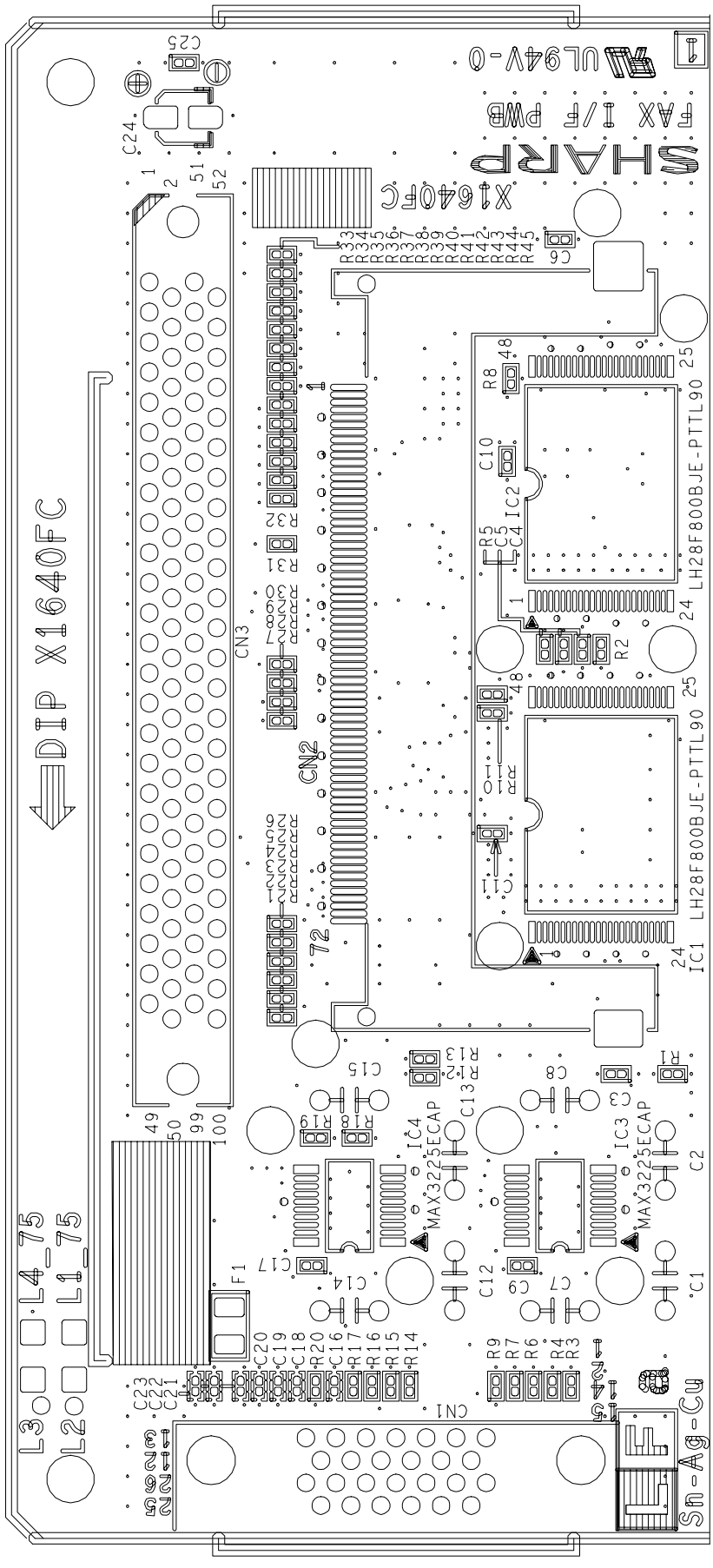

TEL/LIU PWB(USA) (2/3)

TEL/LIU PWB(USA) (3/3)

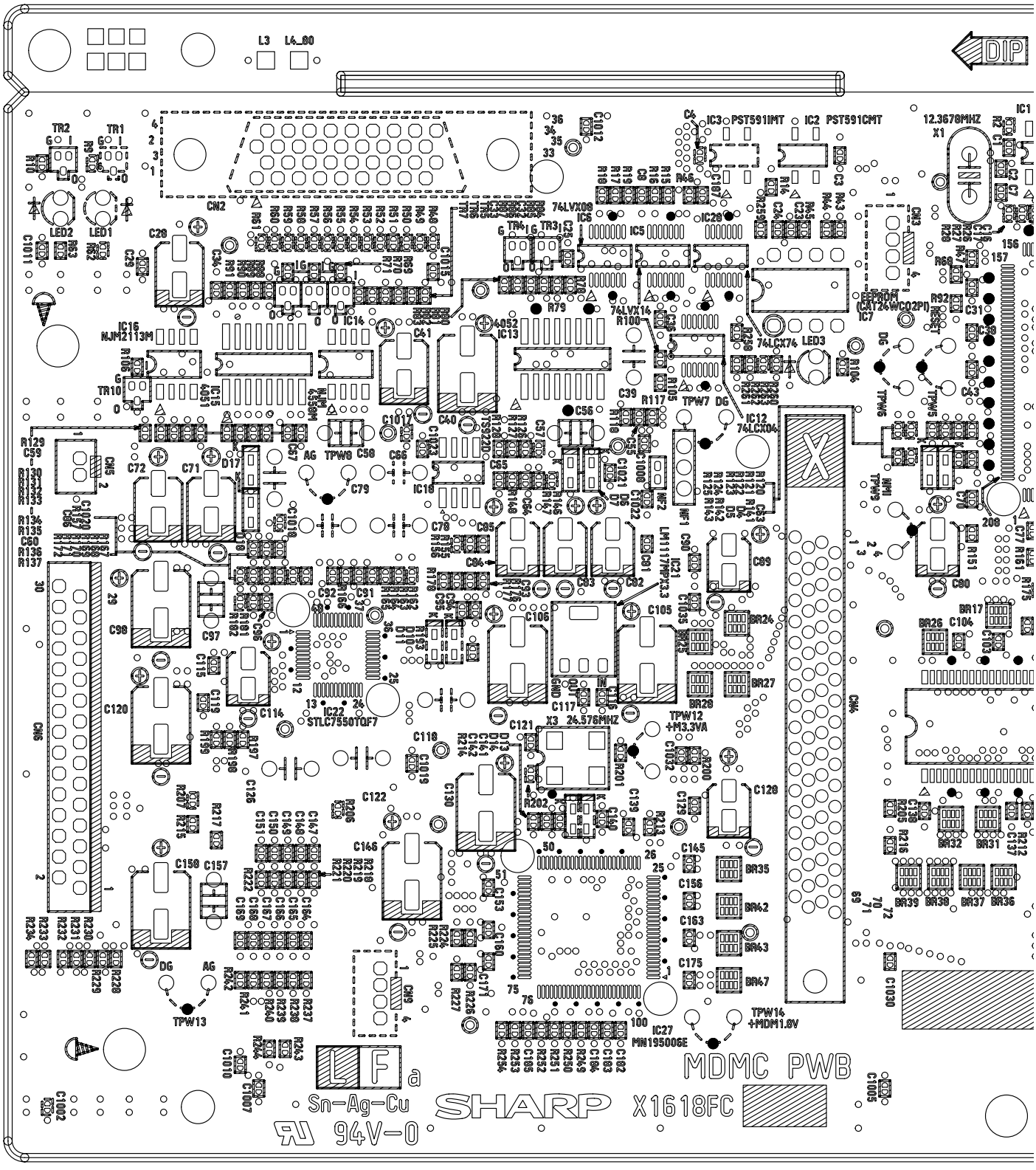


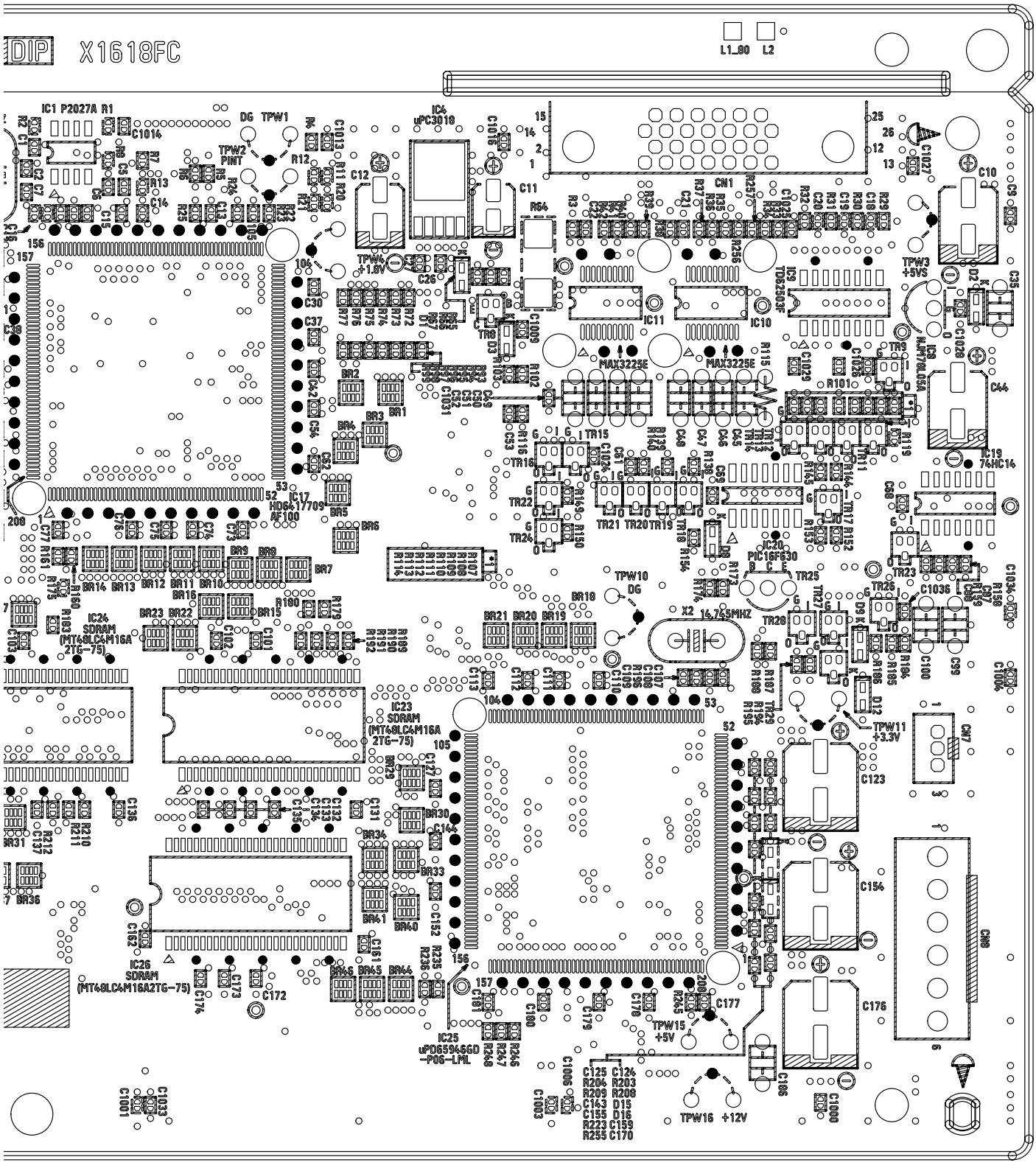
4.Part Layout

A. FAX I/F PWB_U

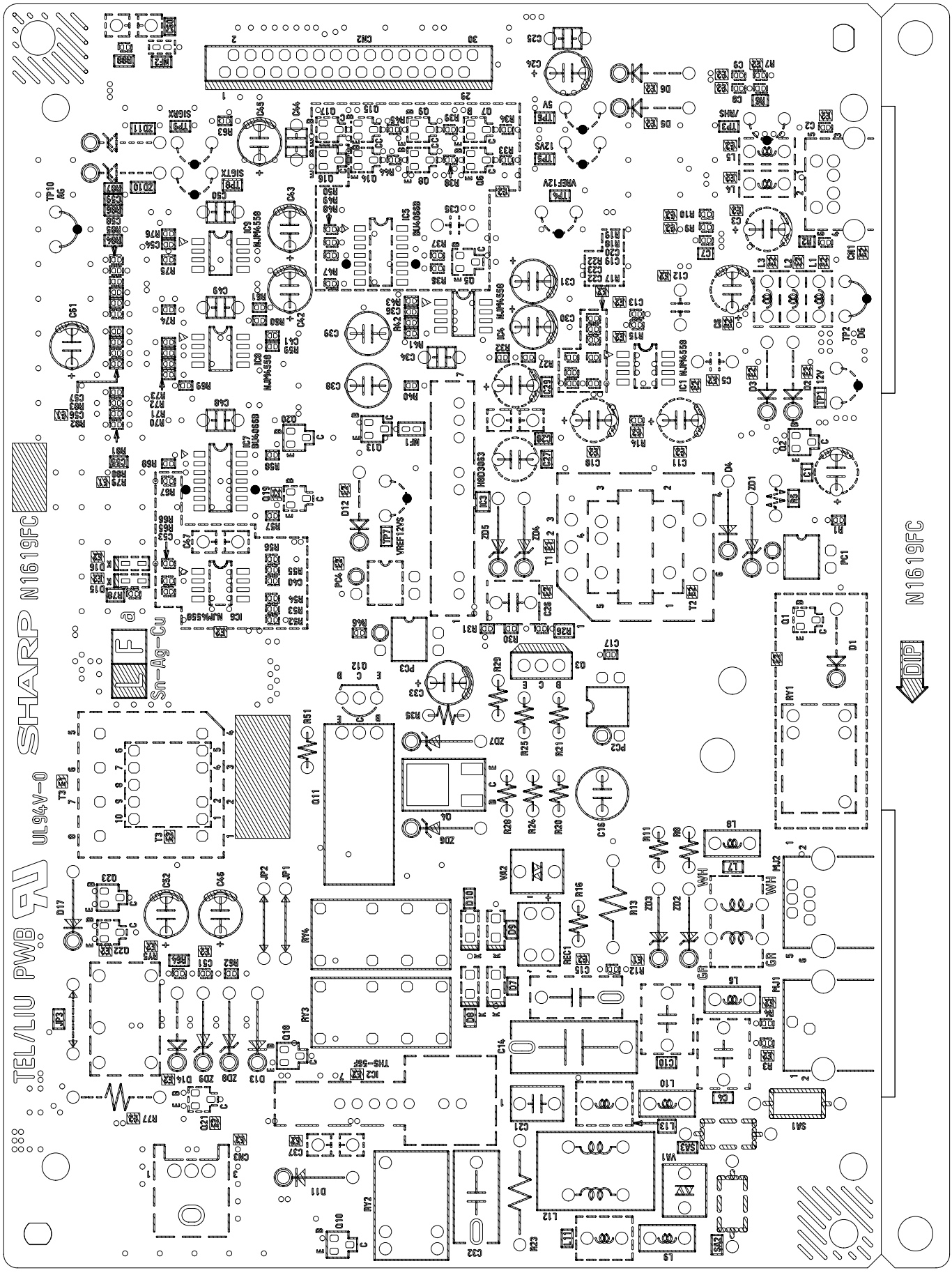


B.MDMC PWB_U


MDMC PWB
SHARP X1618FC
Sn-Ag-Cu
94V-0
DIP
12.3678MHZ
X1
IC1
IC2 PST591CMT
IC3 PST591IMT
74LVX08
74LVX14
74LCX74
74LCX04
4052
4051
4538M
NJM2113M
LM1117MPX3.3
STLC7550TQF7
X3 24.576MHZ
MN195006E
TPW12 +M3.3VA
TPW13
TPW14 +MDM1.8V
TPW5
TPW6
TPW7
TPW8
TPW9
LED1
LED2
LED3
RESET

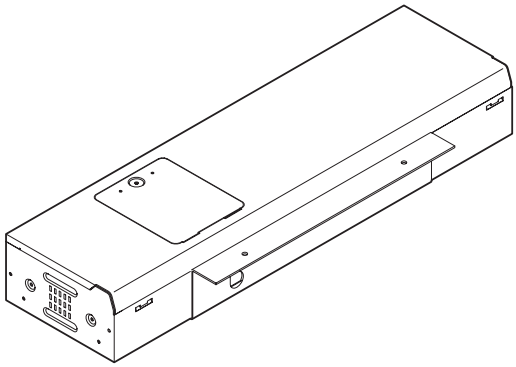

DIP X1618FC
L1_00 L2
IC1 P2027A R1
TPW1
TPW2 PINT
IC4 uPC3010
CN1
TPW4 +1.8V
TPW3 +5VS
IC9 TD62503F
IC11
IC10
MAX3225E
MAX3225E
IC8 NJM79L05A
IC19 74HC14
IC17 HD6417709 AF100
IC20 PIC16F630
X2 14.745MHZ
TPW10 DG
IC24 SDRAM (MT48LC4M16A 2TG-75)
IC23 SDRAM (MT48LC4M16A 2TG-75)
IC26 SDRAM (MT48LC4M16A2TG-75)
IC25 uPD65946GD -P06-LML
TPW11 +3.3V
TPW15 +5V
TPW16 +12V

C.TEL/LIU PWB_U



SHARP PARTS GUIDE

CODE :00ZARFX12/P1/



レーザープリンタ　オプション
FAX拡張キット
DIGITAL LASER COPIRER/ PRINTER OPTION
FAX EXPANSION KIT

MODEL AR-FX12

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5 TEL/LIU 基板 (TEL/LIU PWB U)…EUROPE
6 TEL/LIU 基板 (TEL/LIU PWB U)…Australia,New Zealand
7 ﾓﾃﾞﾑｺﾝﾄﾛｰﾙ基板 (Modem control PWB U)
8 FAX ｲﾝﾀｰﾌｪｰｽ基板 U(FAX interface PWB U)
9 FAX AC 電源基板 (FAX AC power supply unit)…100V series
10 FAX AC 電源基板 (FAX AC power supply unit)…200V series
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Parts marked with "⚠" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

本書はサービス活動用に作成した資料です。
一部内容が製品の改良・改善等により予告なしに変わることがあります。

SHARP CORPORATION

This document has been published to be used for after sales service only.
The contents are subject to change without notice.

補修部品のランク付

市場における補修部品の在庫管理が、適正に運営出来る手助けとなることを、目的とします。

Aランク ： メンテナンスパーツ、メンテナンスパーツには入っていないがメンテナンスパーツに近い消耗パーツ。
Bランク ： 性能・機能パーツ（センサー、クラッチ等の電気パーツ）、消耗パーツ。
Eランク ： 基板含むユニットパーツ。
Dランク ： 整備パーツ（外装、パッキング、同梱パーツ）。
Cランク ： 上記ランク以外のパーツ（基板の子部品を除いたもの）。

DEFINITION

Rank A : Maintenance parts, and consumable parts which are not included in but closely related to maintenance parts
Rank B : Performance/function parts (sensors, clutches, and other electrical parts), consumable parts
Rank E : Unit parts including PWB
Rank D : Preparation parts (External fitting, packing, parts packed together)
Rank C : Parts other than the above (excluding sub components of PWB)

安全性・信頼性確保のため部品は、必ず正規のものをご使用下さい。
⚠印の商品は、安全上重要な部品です。交換をする時は、安全及び性能維持のため必ず指定の部品をご使用下さい。

Because parts marked with "⚠" is indispensable for the machine safety maintenance and operation, it must be replaced with the parts specific to the product specification.

○ 当モデルのサービス資料には、この資料以外にサービスマニュアル（回路図含む）があります。合わせてご利用下さい。
○ Other than this Parts Guide, please refer to documents Service Manual(including Circuit Diagram)of this model.
○ Please use the 13 digit code described in the right hand corner of front cover of the document, when you place an order.
○ For U.S. only-Use order codes provided in advertising literature. Do not order from parts department.

[NOTE]
* 左記のﾏｰｸがあるﾊﾟｰﾂは SMF 手配のﾊﾟｰﾂです。
* These parts are supplied by SMF

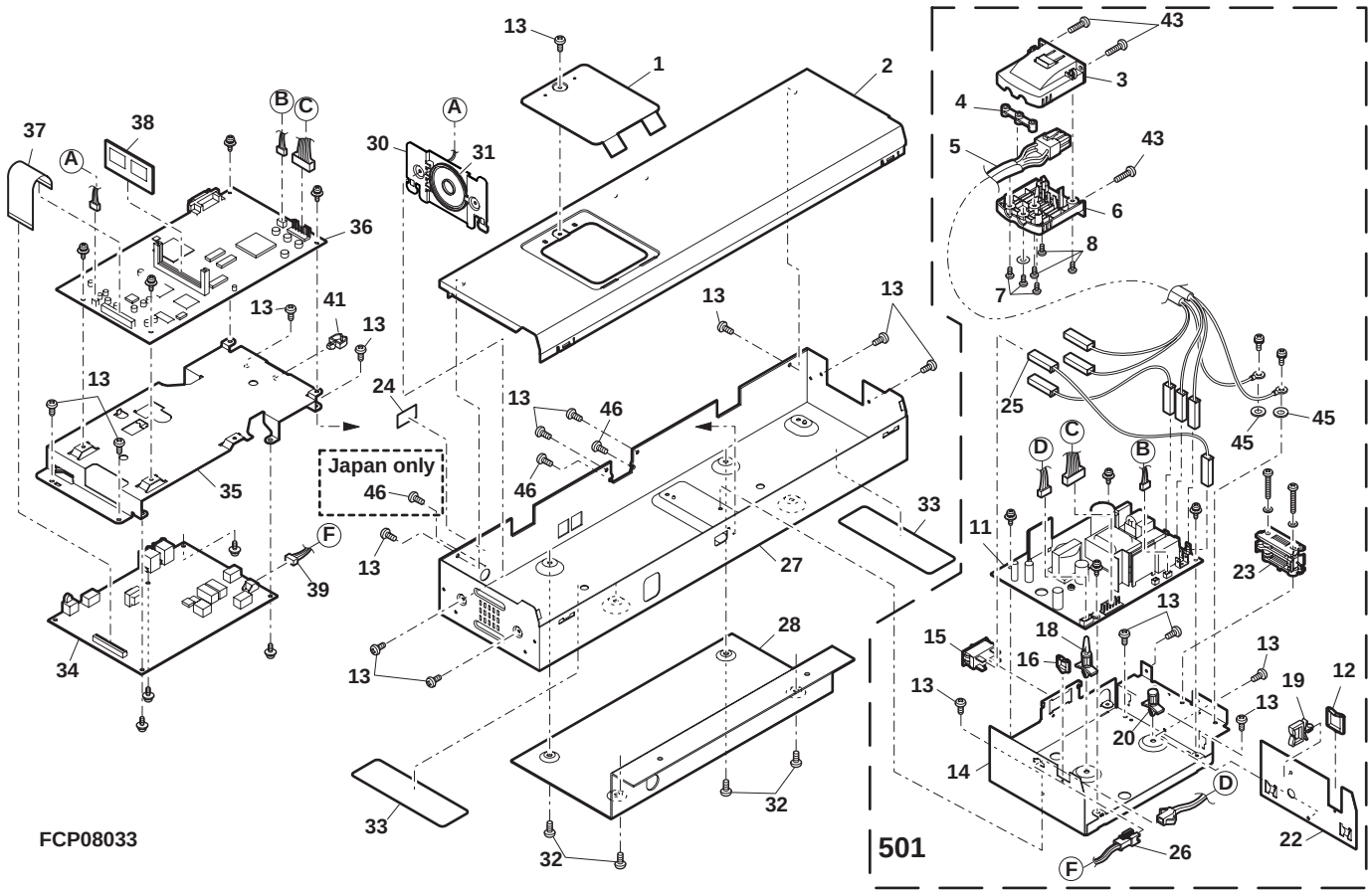
1 FAX BOX ﾕﾆｯﾄ (FAX BOX UNIT)

NO.	PARTS CODE	PRICE RANK Ex.	PRICE RANK Ja.	NEW MARK	PART RANK	DESCRIPTION		
1	PCOVP1564FCZZ	AF	DS		C	FAX ROM cover		FAX ROM ｶﾊﾞｰ
2	GCAB-0947FCZZ	AT	EZ		D	FAX rear cabinet		FAX 後ｷｬﾋﾞﾈｯﾄ
3	LHLDZ1494FCZZ	AF	DS		C	FAX AC cord holder B		FAX ACｺｰﾄﾞﾎﾙﾀﾞｰ B
4	LFiX-0567FCZZ	AD	DJ		C	FAX holder cord fixing plate		FAX ﾎﾙﾀﾞｰｺｰﾄﾞ押え板
5	DHAi-3297FCZZ	AP	EQ		C	FAX power supply harness	[Japan]	FAX 電源ﾊｰﾈｽ
	DHAi-3298FCZZ	AP	EQ		C	FAX power supply harness	[100V series]	FAX 電源ﾊｰﾈｽ
	DHAi-3418FCZZ	AR	EQ		C	FAX power supply harness	[200V series]	FAX 電源ﾊｰﾈｽ
6	LHLDZ1493FCZZ	AF	DS		C	FAX AC cord holder C		FAX ACｺｰﾄﾞﾎﾙﾀﾞｰ C
7	XEBS730P12000	AC	DD	N	C	Screw(3×12)		ﾋﾞｽ
8	XEBS730P10000	AC	DD	N	C	Screw(3×10)		ﾋﾞｽ
⚠ 11	RDENC0004FCZ1	BZ	TR		E	FAX AC power supply unit	[100V series]	FAX AC 電源ﾕﾆｯﾄ
⚠	RDENC0031FCZZ	CA	TV		E	FAX AC power supply unit	[200V series]	FAX AC 電源ﾕﾆｯﾄ
12	LBSHZ1001ACZZ	AB	DD		C	Bushing		ﾌﾞｯｼﾝｸﾞ
13	XHBS730P06000	AC	DD	N	C	Screw(3×6)		ﾋﾞｽ
14	LPLTM5788FCZZ	AP	EQ		C	FAX AC power supply fixing plate		FAX AC 電源取付け板
15	QSW-C9295QCZZ	AL	EB		B	Switch		ｽｲｯﾁ
16	LBSHZ2050SCZZ	AB	DD		C	Edge bushing(EDS-1208U)		ｴｯｼﾞｻﾄﾞﾙ
18	LSUPP0118FCZZ	AB	DJ		C	PWB supporter(SPLSN6)		基板ｻﾎﾟｰﾀｰ
19	LHLDW1499FCZZ	AC	DJ		C	Wire saddle(WS-2U)		ﾜｲﾔｰｻﾄﾞﾙ
20	LSUPP0076FCZZ	AA	DD		C	PWB supporter(SPS-6)		基板ｻﾎﾟｰﾀｰ
22	LPLTM5892FCZZ	AD	DJ		C	FAX separate plate		FAX 仕切り板
23	LFiX-0560FCZZ	AF	DS		C	FAX AC cord fixing plate		FAX ACｺｰﾄﾞ押え板
24	PSHEZ4933FCZZ	AD	DJ		C	FAX MD cover sheet	[Japan]	FAX MD ｶﾊﾞｰｼｰﾄ
25	DHAi-3207FC11	AG	DX		C	FAX Switch harness N		FAX ｽｲｯﾁ ﾊｰﾈｽ N
26	DHAi-3204FC11	AM	EG		C	FAX BOX harness N	[Japan]	FAX BOX ﾊｰﾈｽ N
	DHAi-3444FCZZ	AN	EQ		C	FAX BOX harness B	[except Japan]	FAX BOX ﾊｰﾈｽ B
27	GCAB-0946FCZ2	AZ	FQ		D	FAX front cabinet	[Japan]	FAX 前ｷｬﾋﾞﾈｯﾄ
	GCAB-0946FCZ3	AZ	FQ		D	FAX front cabinet	[except Japan]	FAX 前ｷｬﾋﾞﾈｯﾄ
28	LPLTM5893FCZZ	AQ	EQ		C	FAX fixing plate N		FAX 取付け板 N
30	LPLTM5789FCZZ	AF	DS		C	Speaker fixing plate		ｽﾋﾟｰｶｰ取付け板
31	DUNT-7136FCA1	AN	EQ		E	FAX speaker unit		FAX ｽﾋﾟｰｶｰ UN
32	XHBS740P06000	AA	DD	N	C	Screw(4×6)		ﾋﾞｽ
33	PSHEZ4879FCZZ	AH	DX		C	FAX front sheet		FAX 前ｼｰﾄ
34	CPWBN1619FCE1	BQ	LP	N	E	TEL/LIU PWB unit	[Japan]	TEL/LIU 基板
	CPWBN1619FCE2	BM	HV	N	E	TEL/LIU PWB unit	[USA,CANADA]	TEL/LIU 基板
	CPWBN1620FCE1	BQ	LP	N	E	TEL/LIU PWB unit	[EUROPE]	TEL/LIU 基板
35	LPLTM5787FCZZ	AQ	EQ		C	FAX PWB fixing plate		FAX 基板取付け板
36	CPWBX1618FCE1	CC	TZ	N	E	Modem control PWB unit		ﾓﾃﾞﾑｺﾝﾄﾛｰﾙ基板
37	QCNW-0210FCZZ	AE	DJ		C	FAX I/F FFC		FAX 中継 FFC
38	VHi28F082L27F	BA	FX	N	B	FAX flash ROM	[Japan]	FAX ﾌﾗｯｼｭ ROM
	VHi28F082L28F	BA	FX	N	B	FAX flash ROM	[USA,CANADA]	FAX ﾌﾗｯｼｭ ROM
	VHi28F082L31F	BA	FX	N	B	FAX flash ROM	[EUROPE]	FAX ﾌﾗｯｼｭ ROM
	VHi28F082L32F	AY	FQ	N	B	FAX flash ROM	[Australia,New Zealand]	FAX ﾌﾗｯｼｭ ROM
39	DHAi-3206FC11	AG	DX		C	CIP IF harness	[Japan]	CIP 中継ﾊｰﾈｽ N

1 FAX BOX ﾕﾆｯﾄ (FAX BOX UNIT)

NO.	PARTS CODE	PRICE RANK Ex.	PRICE RANK Ja.	NEW MARK	PART RANK	DESCRIPTION
41	LHLDW2087SCZZ	AA	DD		C	Wire holder [Japan] ﾐﾆｸﾗﾝﾌﾟ
43	LX-BZ0938FCZZ	AC	DD		C	FAX holder screw FAX ﾎﾙﾀﾞｰﾋﾞｽ
45	LX-WZ0443FCZZ	AB	DD		C	Washer ｱｰｽ用平ﾜｯｼｬ
46	XBPS726P08000	AA	DD	N	C	Screw(2.6×8) ﾋﾞｽ
501	CPLTM5788FCE9	BR	LX	N	E	FAX power supply unit [Japan] FAX 電源ﾕﾆｯﾄ
	CPLTM5788FCF0	BR	LX	N	E	FAX power supply unit [100V series] FAX 電源ﾕﾆｯﾄ
	CPLTM5788FCF2	CB	TX	N	E	FAX power supply unit [200V series] FAX 電源ﾕﾆｯﾄ

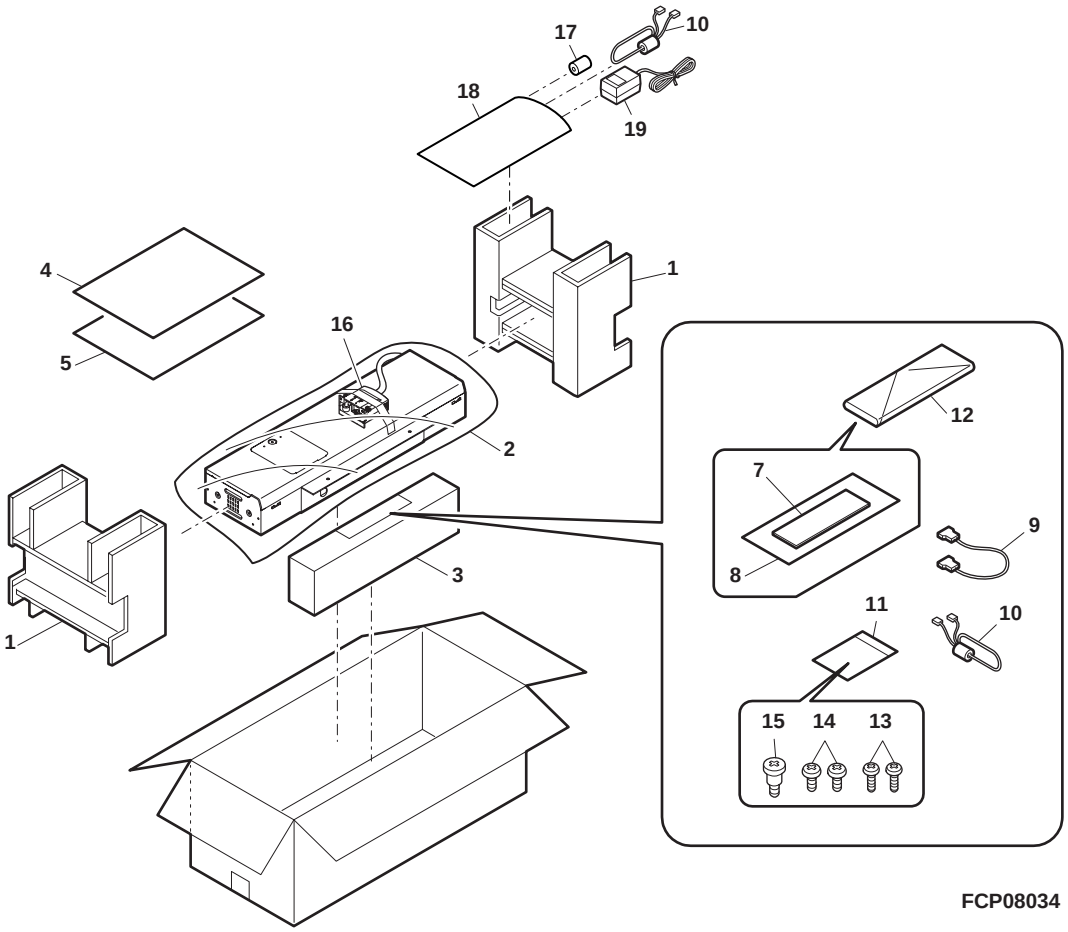
1 FAX BOX ﾕﾆｯﾄ (FAX BOX UNIT)



2 梱包及び付属品 (Packing material & Accessories)

NO.	PARTS CODE	PRICE RANK Ex.	PRICE RANK Ja.	NEW MARK	PART RANK	DESCRIPTION	
1	SPAKA6150FCZZ	AP	EQ		D	FAX kit add	FAX ｷｯﾄｱﾄﾞ
2	SSAKA3640QCZZ	AB	DD		D	Vinyl bag(320×690mm)	ﾎﾟﾘ袋
3	SPAKA6151FCZZ	AK	EB		D	FAX kit spacer	FAX ｷｯﾄｽﾍﾟｰｻｰ
4	TCADZ1696FCZZ	AH	DX	N	D	FAX inst.manual [Japan]	FAX 設置手順書
	TCADZ1697FCZZ	AK	EB	N	D	FAX inst.manual [except Japan]	FAX 設置手順書
5	TiNSJ2785FCZZ	BD	GJ	N	D	FAX OP manual [Japan]	FAX 取扱説明書
	TiNSE2786FCZZ	BD	GN	N	D	FAX OP manual [USA,CANADA]	FAX 取扱説明書
	TiNSE2791FCZZ	BE	GN	N	D	FAX OP manual [Australia,New Zealand]	FAX 取扱説明書
*	TiNSE2787GHZZ			N	D	FAX OP manual [U.Kingdom]	FAX 取扱説明書
*	TiNSG2788GHZZ			N	D	FAX OP manual [Germany]	FAX 取扱説明書
*	TiNSF2789GHZZ			N	D	FAX OP manual [France]	FAX 取扱説明書
*	TiNSW2790GHZZ			N	D	FAX OP manual [Sweden]	FAX 取扱説明書
7	CPWBX1640FCE1	BL	HL	N	E	FAX interface PWB unit	FAX ｲﾝﾀｰﾌｪｰｽ基板 U
8	SPAK-546ECCZZ	AB	DD		D	Vinyl bag(125×230mm)	ﾎﾟﾘ袋
9	QCNW-0178FCZZ	BA	FX		C	FAX interface cable	FAX ｲﾝﾀｰﾌｪｰｽｹｰﾌﾞﾙ
10	DHAi-3027FCAZ	BF	GN		C	Line cable [Japan,USA,CANADA]	ﾗｲﾝｹｰﾌﾞﾙ UN
	DHAi-3446FCAZ	BA	FX		C	Line cable [Australia,New Zealand]	ﾗｲﾝｹｰﾌﾞﾙ SCA
*	QCNW-7254HSZZ				C	Line cable [U.Kingdom]	ﾗｲﾝｹｰﾌﾞﾙ SUK
*	QCNW-7252HSZZ				C	Line cable [SEEG]	ﾗｲﾝｹｰﾌﾞﾙ SEEG
*	QCNW-7253HSZZ				C	Line cable [SEF]	ﾗｲﾝｹｰﾌﾞﾙ SEF
11	SSAKA0006UCZZ	AA	DD		D	Vinyl bag(50×60mm)	ﾎﾟﾘ袋
12	SPAKA5824FCZZ	AF	DS		D	ARMM protect sheet	ARMM ﾎｺﾞｼｰﾄ
13	XBPS726P08000	AA	DD	N	C	Screw(2.6×8)	ﾋﾞｽ
14	XBBS740P06000	AA	DD	N	C	Screw(4×6)	ﾋﾞｽ
15	LX-BZ0140FCZZ	AB	DD		C	Screw	ﾋﾞｽ
16	SPAK-546ECCZZ	AB	DD		D	Vinyl bag(125×230mm)	ﾎﾟﾘ袋
17	RCORF0046FCZZ	AH	DX		C	Core [EUROPE]	ｺｱ
18	SSAKA3001CCZZ	AA	DD		D	Vinyl bag(140×360mm) [EUROPE]	ﾎﾟﾘ袋
19	RADPA0001QSZZ	AQ	EQ		B	Line cable adapter [Australia,New Zealand]	ﾗｲﾝｹｰﾌﾞﾙｱﾀﾞﾌﾟﾀｰ
*	RADPA0002TSZZ				B	Line cable adapter [EUROPE]	ﾗｲﾝｹｰﾌﾞﾙｱﾀﾞﾌﾟﾀｰ

2 梱包及び付属品 (Packing material & Accessories)



3 TEL/LIU 基板 (TEL/LIU PWB U)…JAPAN

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
1	QCNCM1156FCZZ	AD	DJ		C	Connector(S03B-XASK-1) [CN3] ｺﾈｸﾀｰ
2	QCNCW1155FCZZ	AE	DJ		C	Connector(30FE-BT-VK-N) [CN2] ｺﾈｸﾀｰ
3	QJAKT0001FCZZ	AD	DJ		C	Modular Jack(MJ62J-RD315) [MJ1] ﾓｼﾞｭﾗｰｼﾞｬｯｸ
4	QJAKT0002FCZZ	AE	DJ		C	Modular Jack(MJ66J-RD315) [MJ2] ﾓｼﾞｭﾗｰｼﾞｬｯｸ
5	QSOCD0081FCZZ	AL	EB		C	Socket(MD-S6350-90) [CN1] ｿｹｯﾄ
6	RCiLZ0089FCZZ	AG	DX		C	Coil(ST110AV) [L12] ｺｲﾙ
7	RC-KZ0008QCZZ	AB	DD		C	Capacitor(50WV 0.1μF) [C5,C25,C34,C35,C37,C44,C47,C48,C49,C50] ｺﾝﾃﾞﾝｻｰ
8	RFiLN0047FCZZ	AC	DJ		C	Filter(MMZ1608S121) [NF1] ﾌｨﾙﾀｰ
9	RFiLN2011SCZZ	AC	DJ		C	Filter(SBT-0260) [L1,L2,L3,L4,L5,L6,L8,L9,L10] ﾌｨﾙﾀｰ
10	RRLYD1211QCZZ	AH	DX		B	Relay(0UAZ-SH-112LZ) [RY1,RY2] ﾘﾚｰ
11	RRLYD3211QCZZ	AM	EG		B	Relay(G6E-134P-US) [RY5] ﾘﾚｰ
13	RR-WZ0418FCZZ	AF	DS		B	Relay(HPC1/2W) [R23] ﾘﾚｰ
⚠ 14	RTRNP0534FCZZ	AT	EZ		B	Transformer(CIT1414EP) [T3] ﾄﾗﾝｽ
⚠ 15	RTRNP2105SCZZ	AP	EQ		B	Power transformer(2105) [T2] ﾄﾗﾝｽ
16	VCCCCZ1EH221J	AB	DD		C	Capacitor(25WV 220pF) [C23,C36,C54] ｺﾝﾃﾞﾝｻｰ
17	VCCCCZ1HH101J	AA	DD		C	Capacitor(50WV 100pF) [C57,C40] ｺﾝﾃﾞﾝｻｰ
18	RC-EZ0362FCPZ	AC	DD	N	C	Capacitor(16WV 10μF N.P 105℃ (LF)) [C38,C39] ｺﾝﾃﾞﾝｻｰ
19	RC-EZ0363FCPZ	AC	DD	N	C	Capacitor(16WV 47μF N.P 105℃ (LF)) [C16] ｺﾝﾃﾞﾝｻｰ
20	RC-EZ0365FCPZ	AB	DD	N	C	Capacitor(25WV 47μF 105℃ (LF)) [C45,C24] ｺﾝﾃﾞﾝｻｰ
21	RC-EZ0366FCPZ	AB	DD	N	C	Capacitor(50WV 1μF 105℃ (LF)) [C30,C42,C46] ｺﾝﾃﾞﾝｻｰ
23	RC-EZ0369FCPZ	AB	DD	N	C	Capacitor(50WV 4.7μF 105℃ (LF)) [C3,C6,C31,C43,C52,C61] ｺﾝﾃﾞﾝｻｰ
25	VCFYDA1HA105J	AE	DJ		C	Capacitor(50WV 1μF) [C12] ｺﾝﾃﾞﾝｻｰ
26	VCFYJU2AA824K	AF	DS		C	Capacitor(100WV 0.82μF) [C32] ｺﾝﾃﾞﾝｻｰ
27	VCFYJU2EA105K	AE	DS		C	Capacitor(250WV 1μF) [C14] ｺﾝﾃﾞﾝｻｰ
28	VCFYJU2GA473K	AC	DD		C	Capacitor(400WV 0.047μF) [C15] ｺﾝﾃﾞﾝｻｰ
29	VCKYCZ1AB333K	AB	DD		C	Capacitor(10WV 0.033μF) [C58,C51] ｺﾝﾃﾞﾝｻｰ
30	VCKYCZ1HB102K	AA	DD		C	Capacitor(50WV 1000pF) [C8,C9,C13,C17,C19,C20,C22,C53] ｺﾝﾃﾞﾝｻｰ
31	VCKYCZ1HB222K	AA	DD		C	Capacitor(50WV 2200pF) [C2] ｺﾝﾃﾞﾝｻｰ
32	VCKYCZ1HB471K	AA	DD		C	Capacitor(50WV 470pF) [C41] ｺﾝﾃﾞﾝｻｰ
33	VCQYNA1HM223K	AA	DD		C	Capacitor(50WV 0.022μF) [C26] ｺﾝﾃﾞﾝｻｰ
34	VHD10DDA40+-1	AB	DJ		B	Diode(10DDA40) [D4] ﾀﾞｲｵｰﾄﾞ
35	VHD1SS133//-1	AA	DD		B	Diode(1SS133) [D1,D2,D3,D5,D6,D11,D12,D13,D14,D17] ﾀﾞｲｵｰﾄﾞ
36	VHDRB751V40-1	AD	DJ		B	Diode(RB751V-40) [D16,D15] ﾀﾞｲｵｰﾄﾞ
37	VHDS1ZB60//-1	AC	DJ		B	Diode(S1ZB60) [REC1] ﾀﾞｲｵｰﾄﾞ
38	VHEHZS2C1//-1	AB	DJ		B	Zener diode(HZS2C1) [ZD2,ZD3] ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
39	VHEMTZJ33B+-1	AC	DJ		B	Zener diode(MTZJ33BT-77) [ZD6] ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
40	VHEMTZJ39B/-1	AC	DJ		B	Zener diode(MTZJ39B) [ZD1] ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
41	VHEMTZJ4R7B-1	AC	DJ		B	Zener diode(MTZJ4R7B) [ZD4,ZD5,ZD8,ZD9] ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
42	VHEMTZJ8.2B-1	AB	DJ		B	Zener diode(MTZJ8.2B) [ZD7] ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
43	VHiBU4066BCF1	AD	DJ		B	IC(BU4066BCF1) [IC5,IC7] IC
44	VHiNJM4558MF1	AE	DJ		B	IC(NJM4558MF1) [IC1,IC4,IC6,IC8,IC9] IC
45	VHiTHS56F//-1	AS	EZ		B	IC(THS56F) [IC2] IC
46	VHPPC814X1+-1	AD	DJ		B	Photo coupler(PC814X1) [PC2] ﾌｫﾄｶﾌﾟﾗｰ
48	VHVDSS-401M//	AH	DX		B	Arrestor(DSS-401M) [SA1] ｱﾚｽﾀｰ
49	VHVTNR5V101K/	AD	DJ		B	Varistor(TNR5V101K) [VA2] ﾊﾞﾘｽﾀ
50	VHVTNR5V471K/	AD	DJ		B	Varistor(TNR5V471K) [VA1] ﾊﾞﾘｽﾀ
51	VRD-HT2EY100J	AA	DD		C	Resistor(1/4W 10Ω ±5%) [R51,R20] 抵抗
52	VRD-HT2EY104J	AA	DD		C	Resistor(1/4W 100KΩ ±5%) [R24] 抵抗
53	VRD-HT2EY124J	AA	DD		C	Resistor(1/4W 120KΩ ±5%) [R25] 抵抗
54	VRD-HT2EY183J	AA	DD		C	Resistor(1/4W 18KΩ ±5%) [R29] 抵抗
55	VRD-HT2EY224J	AA	DD		C	Resistor(1/4W 220KΩ ±5%) [R21] 抵抗
56	VRD-HT2EY300J	AA	DD		C	Resistor(1/4W 30Ω ±5%) [R8] 抵抗
57	VRD-HT2EY303J	AA	DD		C	Resistor(1/4W 30KΩ ±5%) [R35] 抵抗
58	VRD-HT2EY472J	AA	DD		C	Resistor(1/4W 4.7KΩ ±5%) [R28] 抵抗
59	VRD-HT2EY910J	AA	DD		C	Resistor(1/4W 91Ω ±5%) [R11] 抵抗
60	VRS-CZ1JD000J	AA	DD		C	Resistor(1/16W 0Ω ±5%) [R3,R4,R62] 抵抗
61	VRS-CZ1JD102J	AA	DD		C	Resistor(1/16W 1.0KΩ ±5%) [R9,R15,R17,R30,R46,R52,R66] 抵抗
62	VRS-CZ1JD103J	AA	DD		C	Resistor(1/16W 10KΩ ±5%) [R1,R27,R31,R32,R41,R53,R54,R60,R61] 抵抗
63	VRS-CZ1JD104J	AA	DD		C	Resistor(1/16W 100KΩ ±5%) [R65] 抵抗
64	VRS-CZ1JD113F	AA	DD		C	Resistor(1/16W 11KΩ ±1%) [R74] 抵抗
65	VRS-CZ1JD113J	AA	DD		C	Resistor(1/16W 11KΩ ±5%) [R50,R75] 抵抗
66	VRS-CZ1JD122J	AA	DD		C	Resistor(1/16W 1.2KΩ ±5%) [R56] 抵抗
67	VRS-CZ1JD151J	AA	DD		C	Resistor(1/16W 150Ω ±5%) [R36] 抵抗
68	VRS-CZ1JD153J	AA	DD		C	Resistor(1/16W 15KΩ ±5%) [R72] 抵抗
69	VRS-CZ1JD183J	AA	DD		C	Resistor(1/16W 18KΩ ±5%) [R69] 抵抗
70	VRS-CZ1JD203J	AA	DD		C	Resistor(1/16W 20KΩ ±5%) [R48,R43] 抵抗
71	VRS-CZ1JD222J	AA	DD		C	Resistor(1/16W 2.2KΩ ±5%) [R37] 抵抗
72	VRS-CZ1JD223F	AA	DD		C	Resistor(1/16W 22KΩ ±1%) [R59,R70,R81] 抵抗
73	VRS-CZ1JD223J	AA	DD		C	Resistor(1/16W 22KΩ ±5%) [R33,R34,R38,R39,R44,R45,R57,R58,R71] 抵抗
74	VRS-CZ1JD243J	AA	DD		C	Resistor(1/16W 24KΩ ±5%) [R67,R42] 抵抗
75	VRS-CZ1JD271J	AA	DD		C	Resistor(1/16W 270Ω ±5%) [R63] 抵抗
76	VRS-CZ1JD272J	AA	DD		C	Resistor(1/16W 2.7KΩ ±5%) [R40] 抵抗
77	VRS-CZ1JD273J	AA	DD		C	Resistor(1/16W 27KΩ ±5%) [R68,R76] 抵抗
78	VRS-CZ1JD331J	AA	DD		C	Resistor(1/16W 330Ω ±5%) [R10] 抵抗

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NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
79	VRS−CZ1JD332J	AA	DD		C	Resistor(1/16W 3.3KΩ ±5%) [R19] 抵抗
80	VRS−CZ1JD363J	AA	DD		C	Resistor(1/16W 36KΩ ±5%) [R47] 抵抗
81	VRS−CZ1JD392J	AA	DD		C	Resistor(1/16W 3.9KΩ ±5%) [R55] 抵抗
82	VRS−CZ1JD393J	AA	DD		C	Resistor(1/16W 39KΩ ±5%) [R18] 抵抗
83	VRS−CZ1JD472J	AA	DD		C	Resistor(1/16W 4.7KΩ ±5%) [R7] 抵抗
84	VRS−CZ1JD512F	AA	DD	N	C	Resistor(1/16W 5.1kΩ ±1%) [R73] 抵抗
86	VRS−CZ1JD621F	AA	DD		C	Resistor(1/16W 620Ω ±1%) [R80,R82] 抵抗
87	VRS−CZ1JD683J	AA	DD		C	Resistor(1/16W 68KΩ ±5%) [R49,R22] 抵抗
88	VRS−CZ1JD821J	AA	DD		C	Resistor(1/16W 820Ω ±5%) [R85] 抵抗
89	VRS−CZ1JD822J	AA	DD		C	Resistor(1/16W 8.2KΩ ±5%) [R14] 抵抗
90	VRS−RA3AA202J	AB	DD		C	Resistor(1W 2KΩ ±5%) [R13] 抵抗
91	VRS−RA3AA472J	AB	DD		C	Resistor(1W 4.7KΩ ±5%) [R77] 抵抗
92	VS2SA1807−P−1	AE	DS		B	Transistor(2SA1807-P) [Q4] ﾄﾗﾝｼﾞｽﾀｰ
93	VS2SC2412KS−1	AB	DD		B	Transistor(2SC2412KS) [Q5,Q13] ﾄﾗﾝｼﾞｽﾀｰ
94	VS2SC3415−P−1	AP	EQ		B	Transistor(2SC3415-P) [Q3] ﾄﾗﾝｼﾞｽﾀｰ
95	VS2SD1266A0−1	AF	DS		B	Transistor(2SD1266A0) [Q11] ﾄﾗﾝｼﾞｽﾀｰ
96	VS2SD592A−S−1	AK	DX		B	Transistor(2SD592A-S) [Q12] ﾄﾗﾝｼﾞｽﾀｰ
97	VSDTC143ZKA−1	AC	DJ		B	Transistor(DTC143ZKA) [Q1,Q2,Q6,Q7,Q8,Q9,Q10,Q14,Q15,Q16,Q17,Q18,Q19,Q20] ﾄﾗﾝｼﾞｽﾀｰ
	VSDTC143ZKA−1	AC	DJ		B	Transistor(DTC143ZKA) [Q21,Q22,Q23] ﾄﾗﾝｼﾞｽﾀｰ
	(Unit)					
901	CPWBN1619FCE1	BQ	LP	N	E	TEL/LIU PWB unit [Japan] TEL/LIU 基板

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NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
1	QCNCW1155FCZZ	AE	DJ		C	Connector(30FE-BT-VK-N) [CN2] ｺﾈｸﾀｰ
2	QJAKT0001FCZZ	AD	DJ		C	Modular Jack(MJ62J-RD315) [MJ1] ﾓｼﾞｭﾗｰｼﾞｬｯｸ
3	QJAKT0002FCZZ	AE	DJ		C	Modular Jack(MJ66J-RD315) [MJ2] ﾓｼﾞｭﾗｰｼﾞｬｯｸ
4	RCiLZ0089FCZZ	AG	DX		C	Coil(ST110AV) [L12] ｺｲﾙ
5	RC−KZ0008QCZZ	AB	DD		C	Capacitor(50WV 0.1μF) [C25,C34,C44,C48,C49,C50] ｺﾝﾃﾞﾝｻｰ
6	RC−KZ102BRC2H	AC	DD		C	Capacitor(500WV 1000pF) [C21] ｺﾝﾃﾞﾝｻｰ
7	RFiLN0047FCZZ	AC	DJ		C	Filter(MMZ1608S121) [NF1] ﾌｨﾙﾀｰ
8	RFiLN2011SCZZ	AC	DJ		C	Filter(SBT-0260) [L6,L8,L9,L10] ﾌｨﾙﾀｰ
9	RRLYD1211QCZZ	AH	DX		B	Relay(0UAZ-SH-112LZ) [RY2] ﾘﾚｰ
11	RR−WZ0418FCZZ	AF	DS		B	Relay(HPC1/2W) [R23] ﾘﾚｰ
⚠ 12	RTRNZ0008QSZZ	AT	EZ		B	Transformer(TRTEP17) [T3] ﾄﾗﾝｽ
⚠ 13	RTRNZ0009QSZZ	AQ	EQ		B	Transformer(Z0140PE) [T1] ﾄﾗﾝｽ
14	VCCCCZ1EH221J	AB	DD		C	Capacitor(25WV 220pF) [C54] ｺﾝﾃﾞﾝｻｰ
15	VCCCCZ1HH101J	AA	DD		C	Capacitor(50WV 100pF) [C57] ｺﾝﾃﾞﾝｻｰ
16	RC−EZ0362FCPZ	AC	DD	N	C	Capacitor(16WV 10μF N.P 105℃ (LF)) [C38,C39] ｺﾝﾃﾞﾝｻｰ
17	RC−EZ0363FCPZ	AC	DD	N	C	Capacitor(16WV 47μF N.P 105℃ (LF)) [C16] ｺﾝﾃﾞﾝｻｰ
18	RC−EZ0365FCPZ	AB	DD	N	C	Capacitor(25WV 47μF 105℃ (LF)) [C45,C24] ｺﾝﾃﾞﾝｻｰ
19	RC−EZ0366FCPZ	AB	DD	N	C	Capacitor(50WV 1μF 105℃ (LF)) [C42,C30] ｺﾝﾃﾞﾝｻｰ
20	RC−EZ0369FCPZ	AB	DD	N	C	Capacitor(50WV 4.7μF 105℃ (LF)) [C31,C33,C43,C46,C52,C61] ｺﾝﾃﾞﾝｻｰ
21	VCFYJU2EA105K	AE	DS		C	Capacitor(250WV 1μF) [C14] ｺﾝﾃﾞﾝｻｰ
22	VCKYCZ1AB683K	AB	DD		C	Capacitor(50WV 0.068μF) [C56,C58] ｺﾝﾃﾞﾝｻｰ
23	VCKYCZ1HB102K	AA	DD		C	Capacitor(50WV 1000pF) [C17,C36] ｺﾝﾃﾞﾝｻｰ
24	VCKYCZ1HB471K	AA	DD		C	Capacitor(50WV 470pF) [C41] ｺﾝﾃﾞﾝｻｰ
25	VHD10DDA40+−1	AB	DJ		B	Diode(10DDA40) [D4] ﾀﾞｲｵｰﾄﾞ
26	VHD1SS133//−1	AA	DD		B	Diode(1SS133) [D11,D13,D17] ﾀﾞｲｵｰﾄﾞ
27	VHDS1ZB60//−1	AC	DJ		B	Diode(S1ZB60) [REC1] ﾀﾞｲｵｰﾄﾞ
28	VHEHZS2C1//−1	AB	DJ		B	Zener diode(HZS2C1) [ZD1,ZD2,ZD3] ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
29	VHEMTZJ33B+−1	AC	DJ		B	Zener diode(MTZJ33BT-77) [ZD6] ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
30	VHEMTZJ4R7B−1	AC	DJ		B	Zener diode(MTZJ4R7B) [ZD4,ZD5,ZD8,ZD9] ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
31	VHEMTZJ8.2B−1	AB	DJ		B	Zener diode(MTZJ8.2B) [ZD7] ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
32	VHiBU4066BCF1	AD	DJ		B	IC(BU4066BCF1) [IC7] IC
33	VHiNJM4558MF1	AE	DJ		B	IC(NJM4558MF1) [IC4,IC8,IC9] IC
34	VHPPC814X1+−1	AD	DJ		B	Photo coupler(PC814X1) [PC2] ﾌｫﾄｶﾌﾟﾗｰ
36	VHVDSS−401M//	AH	DX		B	Arrestor(DSS-401M) [SA1] ｱﾚｽﾀｰ
37	VHVTNR5V101K/	AD	DJ		B	Varistor(TNR5V101K) [VA2] ﾊﾞﾘｽﾀ
38	VHVTNR5V471K/	AD	DJ		B	Varistor(TNR5V471K) [VA1] ﾊﾞﾘｽﾀ
39	VRD−HT2EY100J	AA	DD		C	Resistor(1/4W 10Ω ±5%) [R51,R20] 抵抗
40	VRD−HT2EY104J	AA	DD		C	Resistor(1/4W 100KΩ ±5%) [R24] 抵抗
41	VRD−HT2EY124J	AA	DD		C	Resistor(1/4W 120KΩ ±5%) [R25] 抵抗
42	VRD−HT2EY183J	AA	DD		C	Resistor(1/4W 18KΩ ±5%) [R29] 抵抗
43	VRD−HT2EY202J	AA	DD		C	Resistor(1/4W 2KΩ ±5%) [R5] 抵抗
44	VRD−HT2EY224J	AA	DD		C	Resistor(1/4W 220KΩ ±5%) [R21] 抵抗
45	VRD−HT2EY300J	AA	DD		C	Resistor(1/4W 30Ω ±5%) [R8] 抵抗
46	VRD−HT2EY302J	AA	DD		C	Resistor(1/4W 3.0KΩ ±5%) [R28] 抵抗
47	VRD−HT2EY303J	AA	DD		C	Resistor(1/4W 30KΩ ±5%) [R35] 抵抗
48	VRD−HT2EY513J	AA	DD		C	Resistor(1/4W 51KΩ ±5%) [R16] 抵抗
49	VRD−HT2EY910J	AA	DD		C	Resistor(1/4W 91Ω ±5%) [R11] 抵抗
50	VRS−CZ1JD000J	AA	DD		C	Resistor(1/16W 0Ω ±5%) [R12,R62] 抵抗
51	VRS−CZ1JD102J	AA	DD		C	Resistor(1/16W 1.0KΩ ±5%) [R30,R46] 抵抗

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NO.	PARTS CODE	PRICE RANK Ex.	PRICE RANK Ja.	NEW MARK	PART RANK	DESCRIPTION
52	VRS-CZ1JD103J	AA	DD		C	Resistor(1/16W 10KΩ ±5%) [R1,R27,R31,R32,R41,R60,R61] 抵抗
53	VRS-CZ1JD113F	AA	DD		C	Resistor(1/16W 11KΩ ±1%) [R74] 抵抗
54	VRS-CZ1JD113J	AA	DD		C	Resistor(1/16W 11KΩ ±5%) [R75] 抵抗
55	VRS-CZ1JD153J	AA	DD		C	Resistor(1/16W 15KΩ ±5%) [R72] 抵抗
56	VRS-CZ1JD183J	AA	DD		C	Resistor(1/16W 18KΩ ±5%) [R69] 抵抗
57	VRS-CZ1JD223F	AA	DD		C	Resistor(1/16W 22KΩ ±1%) [R59,R70,R81] 抵抗
58	VRS-CZ1JD223J	AA	DD		C	Resistor(1/16W 22KΩ ±5%) [R42,R57,R58,R71] 抵抗
59	VRS-CZ1JD272J	AA	DD		C	Resistor(1/16W 2.7KΩ ±5%) [R40] 抵抗
60	VRS-CZ1JD273J	AA	DD		C	Resistor(1/16W 27KΩ ±5%) [R68,R76] 抵抗
61	VRS-CZ1JD332J	AA	DD		C	Resistor(1/16W 3.3KΩ ±5%) [R79] 抵抗
62	VRS-CZ1JD364J	AA	DD		C	Resistor(1/16W 360KΩ ±5%) [R43] 抵抗
64	VRS-CZ1JD512F	AA	DD	N	C	Resistor(1/16W 5.1kΩ ±1%) [R73] 抵抗
66	VRS-CZ1JD621F	AA	DD		C	Resistor(1/16W 620Ω ±1%) [R80] 抵抗
67	VRS-CZ1JD621J	AA	DD		C	Resistor(1/16W 620Ω ±5%) [R63,R85] 抵抗
68	VRS-RA3AA153J	AB	DD		C	Resistor(1W 15KΩ ±5%) [R13] 抵抗
69	VS2SA1807-P-1	AE	DS		B	Transistor(2SA1807-P) [Q4] ﾄﾗﾝｼﾞｽﾀｰ
70	VS2SC2412KS-1	AB	DD		B	Transistor(2SC2412KS) [Q13] ﾄﾗﾝｼﾞｽﾀｰ
71	VS2SC3415-P-1	AP	EQ		B	Transistor(2SC3415-P) [Q3] ﾄﾗﾝｼﾞｽﾀｰ
72	VS2SD1266A0-1	AF	DS		B	Transistor(2SD1266A0) [Q11] ﾄﾗﾝｼﾞｽﾀｰ
73	VS2SD592A-S-1	AK	DX		B	Transistor(2SD592A-S) [Q12] ﾄﾗﾝｼﾞｽﾀｰ
74	VSDTC143ZKA-1	AC	DJ		B	Transistor(DTC143ZKA) [Q2,Q10,Q16,Q18,Q20,Q23] ﾄﾗﾝｼﾞｽﾀｰ
	(Unit)					
901	CPWBN1619FCE2	BM	HV	N	E	TEL/LIU PWB unit [USA,CANADA] TEL/LIU 基板

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NO.	PARTS CODE	PRICE RANK Ex.	PRICE RANK Ja.	NEW MARK	PART RANK	DESCRIPTION
1	QCNCW1155FCZZ	AE	DJ		C	Connector(30FE-BT-VK-N) [CN1] ｺﾈｸﾀｰ
2	QJAKT0001FCZZ	AD	DJ		C	Modular Jack(MJ62J-RD315) [MJ2] ﾓｼﾞｭﾗｰｼﾞｬｯｸ
3	QJAKT0004QSZZ	AE	DJ		C	Modular Jack(MJ66J-RD315) [MJ1] ﾓｼﾞｭﾗｰｼﾞｬｯｸ
4	RC-EZ0362FCPZ	AC	DD	N	C	Capacitor(16WV 10μF N.P 105℃ (LF)) [C60] ｺﾝﾃﾞﾝｻｰ
6	RC-EZ0365FCPZ	AB	DD	N	C	Capacitor(25WV 47μF 105℃ (LF)) [C38,C53] ｺﾝﾃﾞﾝｻｰ
7	RC-EZ0366FCPZ	AB	DD	N	C	Capacitor(50WV 1μF 105℃ (LF)) [C21,C16] ｺﾝﾃﾞﾝｻｰ
10	RC-EZ0369FCPZ	AB	DD	N	C	Capacitor(50WV 4.7μF 105℃ (LF)) [C7,C42,C58] ｺﾝﾃﾞﾝｻｰ
11	RC-KZ0008QCZZ	AB	DD		C	Capacitor(50WV 0.1μF) [C8,C13,C36,C46,C54,C57,C5] ｺﾝﾃﾞﾝｻｰ
13	RCiLZ0008QSZZ	AD	DJ		C	Coil(1mH 250mA) [L8] ｺｲﾙ
14	RCiLZ0009QSZZ	AF	DS		C	Coil(47.mH 190mA) [L7,L9] ｺｲﾙ
15	RCiLZ0089FCZZ	AG	DX		C	Coil(ST110AV) [L5] ｺｲﾙ
16	RFiLN2011SCZZ	AC	DJ		C	Filter(SBT-0260) [L1,L3] ﾌｨﾙﾀｰ
17	RRLYZ2413QCZZ	AX	FG		B	Relay(TXD2-2M-12V) [RY2,RY1] ﾘﾚｰ
⚠ 18	RTRNi2142SCZZ	AN	EQ		B	Transformer(I2142) [T1] ﾄﾗﾝｽ
⚠ 19	RTRNZ2140SCZZ	AN	EQ		B	Transformer(Z2140) [T2] ﾄﾗﾝｽ
20	VCCCCZ1EH221J	AB	DD		C	Capacitor(25WV 220pF) [C3,C4,C5,C10,C11,C12,C24,C25,C26,C28] ｺﾝﾃﾞﾝｻｰ
	VCCCCZ1EH221J	AB	DD		C	Capacitor(25WV 220pF) [C29,C39,C40,C41,C43,C44,C51,C52,C55] ｺﾝﾃﾞﾝｻｰ
21	VCFYDA1HA474J	AD	DJ		C	Capacitor(50WV 0.47uF) [C18] ｺﾝﾃﾞﾝｻｰ
22	VCFYJU2EA105K	AE	DS		C	Capacitor(250WV 1μF) [C49] ｺﾝﾃﾞﾝｻｰ
23	VCFYJU2EA824K	AE	DJ		C	Capacitor(250WV 0.82μF) [C47] ｺﾝﾃﾞﾝｻｰ
24	VCKYCZ1AB104K	AC	DD		C	Capacitor(10WV 0.1μF) [C22] ｺﾝﾃﾞﾝｻｰ
25	VCKYCZ1AB273K	AB	DD		C	Capacitor(10WV 0.027μF) [C35] ｺﾝﾃﾞﾝｻｰ
26	VCKYCZ1AB473K	AB	DD		C	Capacitor(10WV 0.047μF) [C23,C27] ｺﾝﾃﾞﾝｻｰ
27	VCKYCZ1AB683K	AB	DD		C	Capacitor(50WV 0.068μF) [C15,C19] ｺﾝﾃﾞﾝｻｰ
28	VCKYCZ1CF104Z	AB	DD		C	Capacitor(16WV 0.1μF) [C48,C37] ｺﾝﾃﾞﾝｻｰ
29	VCKYCZ1HB182K	AA	DD		C	Capacitor(50WV 1800pF) [C2,C1] ｺﾝﾃﾞﾝｻｰ
30	VCKYCZ1HB331K	AA	DD		C	Capacitor(50WV 330pF) [C45] ｺﾝﾃﾞﾝｻｰ
31	VCKYCZ1HB332K	AA	DD		C	Capacitor(50WV 3300pF) [C50] ｺﾝﾃﾞﾝｻｰ
32	VCKYCZ1HB821K	AC	DD		C	Capacitor(50WV 820pF) [C30] ｺﾝﾃﾞﾝｻｰ
33	VHDS1ZB60//-1	AC	DJ		B	Diode(S1ZB60) [REC1] ﾀﾞｲｵｰﾄﾞ
34	VHD1SS133//-1	AA	DD		B	Diode(1SS133) [D7] ﾀﾞｲｵｰﾄﾞ
35	VHD1SS355//-1	AB	DJ		B	Diode(1SS355) [D6,D5] ﾀﾞｲｵｰﾄﾞ
36	VHEHZS2C1//-1	AB	DJ		B	Zener diode(HZS2C1) [ZD1,ZD2,ZD7,ZD8] ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
37	VHEMTZJ30B/-1	AB	DJ		B	Zener diode(HZ3B1) [ZD5] ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
38	VHEMTZJ39B/-1	AC	DJ		B	Zener diode(MTZJ39B) [ZD11] ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
39	VHEMTZJ4R7B-1	AC	DJ		B	Zener diode(MTZJ4R7B) [ZD3,ZD4,ZD9,ZD10] ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
40	VHEMTZJ6R8B-1	AC	DJ		B	Zener diode(MTZJ6.8B) [ZD6] ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
41	VHiBU4066BCF1	AD	DJ		B	IC(BU4066BCF1) [IC5] IC
42	VHiNJM3414M-1	AF	DX		B	IC(NJM3414M) [IC2,IC1] IC
43	VHiNJM4558MF1	AE	DJ		B	IC(NJM4558MF1) [IC4] IC
44	VHiTHS56F//-1	AS	EZ		B	IC(THS56F) [IC3] IC
45	VHPTLP621-1GB	AF	DX		B	Photo coupler(TLP621) [PC3] ﾌｫﾄｶﾌﾟﾗｰ
46	VHPTLP627//-1	AH	EB		B	Photo coupler(TLP627) [PC1,PC2] ﾌｫﾄｶﾌﾟﾗｰ
47	VHVDSS-401M//	AH	DX		B	Arrestor(DSS-401M) [SA1,SA2] ｱﾚｽﾀｰ
48	VHVDSS301L/-1	AF	DS		B	Varistor(DSS301L) [SA3] ﾊﾞﾘｽﾀ
49	VHVTNR5V101K/	AD	DJ		B	Varistor(TNR5V101K) [VA1] ﾊﾞﾘｽﾀ

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NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
50	VRD-HT2EY100J	AA	DD		C	Resistor(1/4W 10Ω ±5%) [R19,R24] 抵抗
51	VRD-HT2EY103J	AA	DD		C	Resistor(1/4W 10KΩ ±5%) [R35] 抵抗
52	VRD-HT2EY113J	AA	DD		C	Resistor(1/4W 11KΩ ±5%) [R22] 抵抗
53	VRD-HT2EY120J	AA	DD		C	Resistor(1/4W 12Ω ±5%) [R30] 抵抗
54	VRD-HT2EY123J	AA	DD		C	Resistor(1/4W 12KΩ ±5%) [R36] 抵抗
55	VRD-HT2EY150J	AA	DD		C	Resistor(1/4W 15Ω ±5%) [R23,R21] 抵抗
56	VRD-HT2EY181J	AA	DD		C	Resistor(1/4W 180Ω ±5%) [R56,R57] 抵抗
57	VRD-HT2EY332J	AA	DD		C	Resistor(1/4W 3.3KΩ ±5%) [R13] 抵抗
58	VRD-HT2EY471J	AA	DD		C	Resistor(1/4W 470Ω ±5%) [R15] 抵抗
59	VRD-HT2EY474J	AA	DD		C	Resistor(1/4W 470KΩ ±5%) [R34] 抵抗
60	VRD-HT2EY513J	AA	DD		C	Resistor(1/4W 51KΩ ±5%) [R41] 抵抗
61	VRS-CZ1JD000J	AA	DD		C	Resistor(1/16W 0Ω ±5%) [R38] 抵抗
62	VRS-CZ1JD103J	AA	DD		C	Resistor(1/16W 10KΩ ±5%) [R5,R6,R32,R39,R43,R44,R45,R47,R55] 抵抗
63	VRS-CZ1JD104J	AA	DD		C	Resistor(1/16W 100KΩ ±5%) [R37] 抵抗
64	VRS-CZ1JD113J	AA	DD		C	Resistor(1/16W 11KΩ ±5%) [R14,R25] 抵抗
65	VRS-CZ1JD153J	AA	DD		C	Resistor(1/16W 15KΩ ±5%) [R17] 抵抗
66	VRS-CZ1JD203J	AA	DD		C	Resistor(1/16W 20KΩ ±5%) [R46,R29] 抵抗
67	VRS-CZ1JD223J	AA	DD		C	Resistor(1/16W 22KΩ ±5%) [R2,R4,R27,R53] 抵抗
68	VRS-CZ1JD243J	AA	DD		C	Resistor(1/16W 24KΩ ±5%) [R52] 抵抗
69	VRS-CZ1JD271J	AA	DD		C	Resistor(1/16W 270Ω ±5%) [R12] 抵抗
70	VRS-CZ1JD273J	AA	DD		C	Resistor(1/16W 27KΩ ±5%) [R48,R26] 抵抗
71	VRS-CZ1JD301J	AA	DD		C	Resistor(1/16W 300Ω ±5%) [R11] 抵抗
72	VRS-CZ1JD303J	AA	DD		C	Resistor(1/16W 30KΩ ±5%) [R18,R54] 抵抗
73	VRS-CZ1JD333J	AA	DD		C	Resistor(1/16W 33KΩ ±5%) [R7] 抵抗
74	VRS-CZ1JD363J	AA	DD		C	Resistor(1/16W 36KΩ ±5%) [R1,R3] 抵抗
75	VRS-CZ1JD472J	AA	DD		C	Resistor(1/16W 4.7KΩ ±5%) [R50] 抵抗
76	VRS-CZ1JD561J	AA	DD		C	Resistor(1/16W 560Ω ±5%) [R16] 抵抗
77	VRS-CZ1JD621J	AA	DD		C	Resistor(1/16W 620Ω ±5%) [R10] 抵抗
80	VRS-VV3LB821J	AC	DD		C	Resistor(3W 820Ω ±5%) [R9] 抵抗
82	VSDTC143ZKA-1	AC	DJ		B	Transistor(DTC143ZKA) [Q3,Q5,Q6,Q7,Q8,Q10,Q11,Q12,Q13] ﾄﾗﾝｼﾞｽﾀｰ
83	VS2SA1807-P-1	AE	DS		B	Transistor(2SA1807-P) [Q1] ﾄﾗﾝｼﾞｽﾀｰ
84	VS2SA821S//-1	AC	DJ		B	Transistor(2SA821S) [Q4] ﾄﾗﾝｼﾞｽﾀｰ
85	VS2SC2412KS-1	AB	DD		B	Transistor(2SC2412KS) [Q9] ﾄﾗﾝｼﾞｽﾀｰ
	(Unit)					
901	CPWBN1620FCE1	BQ	LP	N	E	TEL/LIU PWB unit [EUROPE] TEL/LIU 基板

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NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
1	QCNCW1155FCZZ	AE	DJ		C	Connector(30FE-BT-VK-N) [CN1] ｺﾈｸﾀｰ
2	QJAKT0001FCZZ	AD	DJ		C	Modular Jack(MJ62J-RD315) [MJ2] ﾓｼﾞｭﾗｰｼﾞｬｯｸ
3	QJAKT0004QSZZ	AE	DJ		C	Modular Jack(MJ66J-RD315) [MJ1] ﾓｼﾞｭﾗｰｼﾞｬｯｸ
4	RC-EZ0362FCPZ	AC	DD	N	C	Capacitor(16WV 10μF N.P 105℃(LF)) [C60] ｺﾝﾃﾞﾝｻｰ
6	RC-EZ0365FCPZ	AB	DD	N	C	Capacitor(25WV 47μF 105℃(LF)) [C38,C53] ｺﾝﾃﾞﾝｻｰ
7	RC-EZ0366FCPZ	AB	DD	N	C	Capacitor(50WV 1μF 105℃(LF)) [C21,C16] ｺﾝﾃﾞﾝｻｰ
10	RC-EZ0369FCPZ	AB	DD	N	C	Capacitor(50WV 4.7μF 105℃(LF)) [C58,C7] ｺﾝﾃﾞﾝｻｰ
11	RC-KZ0008QCZZ	AB	DD		C	Capacitor(50WV 0.1μF) [C8,C13,C36,C46,C54,C57,C59] ｺﾝﾃﾞﾝｻｰ
12	RCiLZ0008QSZZ	AD	DJ		C	Coil(1mH 250mA) [L8] ｺｲﾙ
13	RCiLZ0089FCZZ	AG	DX		C	Coil(ST110AV) [L5] ｺｲﾙ
14	RFiLN2011SCZZ	AC	DJ		C	Filter(SBT-0260) [L3,L1] ﾌｨﾙﾀｰ
15	RRLYZ2413QCZZ	AX	FG		B	Relay(TXD2-2M-12V) [RY2,RY1] ﾘﾚｰ
⚠ 16	RTRNi2142SCZZ	AN	EQ		B	Transformer(I2142) [T1] ﾄﾗﾝｽ
⚠ 17	RTRNZ2140SCZZ	AN	EQ		B	Transformer(Z2140) [T2] ﾄﾗﾝｽ
18	VCCCCZ1EH221J	AB	DD		C	Capacitor(25WV 220pF) [C3,C4,C5,C10,C11,C12,C24,C25,C26,C28] ｺﾝﾃﾞﾝｻｰ
	VCCCCZ1EH221J	AB	DD		C	Capacitor(25WV 220pF) [C29,C39,C40,C41,C43,C44,C51,C52,C55] ｺﾝﾃﾞﾝｻｰ
19	VCFYDA1HA334J	AC	DJ		C	Capacitor(50WV 0.33μF) [C18] ｺﾝﾃﾞﾝｻｰ
20	VCFYJU2EA474K	AD	DJ		C	Capacitor(250WV 0.47μF) [C47] ｺﾝﾃﾞﾝｻｰ
21	VCFYJU2EA824K	AE	DJ		C	Capacitor(250WV 0.82μF) [C49] ｺﾝﾃﾞﾝｻｰ
22	VCKYCZ1AB104K	AC	DD		C	Capacitor(10WV 0.1μF) [C19] ｺﾝﾃﾞﾝｻｰ
23	VCKYCZ1AB473K	AB	DD		C	Capacitor(10WV 0.047μF) [C23] ｺﾝﾃﾞﾝｻｰ
24	VCKYCZ1AB683K	AB	DD		C	Capacitor(50WV 0.068μF) [C35] ｺﾝﾃﾞﾝｻｰ
25	VCKYCZ1CF104Z	AB	DD		C	Capacitor(16WV 0.1μF) [C48,C37] ｺﾝﾃﾞﾝｻｰ
26	VCKYCZ1HB331K	AA	DD		C	Capacitor(50WV 330pF) [C45] ｺﾝﾃﾞﾝｻｰ
27	VCKYCZ1HB332K	AA	DD		C	Capacitor(50WV 3300pF) [C50] ｺﾝﾃﾞﾝｻｰ
28	VCKYCZ1HB471K	AA	DD		C	Capacitor(50WV 470pF) [C2,C1] ｺﾝﾃﾞﾝｻｰ
29	VCKYCZ1HB681K	AA	DD		C	Capacitor(50WV 680pF) [C30] ｺﾝﾃﾞﾝｻｰ
30	VHDS1ZB60//-1	AC	DJ		B	Diode(S1ZB60) [REC1] ﾀﾞｲｵｰﾄﾞ
31	VHD1SS133//-1	AA	DD		B	Diode(1SS133) [D7] ﾀﾞｲｵｰﾄﾞ
32	VHD1SS355//-1	AB	DJ		B	Diode(1SS355) [D6,D5] ﾀﾞｲｵｰﾄﾞ
33	VHEHZS2C1//-1	AB	DJ		B	Zener diode(HZS2C1) [ZD1,ZD2,ZD7,ZD8] ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
34	VHEMTZJ30B/-1	AB	DJ		B	Zener diode(HZ3B1) [ZD5] ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
35	VHEMTZJ39B/-1	AC	DJ		B	Zener diode(MTZJ39B) [ZD11] ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ

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NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
36	VHEMTZJ4R7B-1	AC	DJ		B	Zener diode(MTZJ4R7B) [ZD3,ZD4,ZD9,ZD10] ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
37	VHEMTZJ6R8B-1	AC	DJ		B	Zener diode(MTZJ6.8B) [ZD6] ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
38	VHiBU4066BCF1	AD	DJ		B	IC(BU4066BCF1) [IC5] IC
39	VHiNJM3414M-1	AF	DX		B	IC(NJM3414M) [IC1,IC2] IC
40	VHiNJM4558MF1	AE	DJ		B	IC(NJM4558MF1) [IC4] IC
41	VHiTHS56F//-1	AS	EZ		B	IC(THS56F) [IC3] IC
42	VHPTLP621-1GB	AF	DX		B	Photo coupler(TLP621) [PC3] ﾌｫﾄｶﾌﾟﾗｰ
43	VHPTLP627//-1	AH	EB		B	Photo coupler(TLP627) [PC1,PC2] ﾌｫﾄｶﾌﾟﾗｰ
44	VHVDSS-401M//	AH	DX		B	Arrestor(DSS-401M) [SA1,SA2] ｱﾚｽﾀｰ
45	VHVDSS301L/-1	AF	DS		B	Varistor(DSS301L) [SA3] ﾊﾞﾘｽﾀ
47	VRD-HT2EY100J	AA	DD		C	Resistor(1/4W 10Ω ±5%) [R19,R24] 抵抗
48	VRD-HT2EY103J	AA	DD		C	Resistor(1/4W 10KΩ ±5%) [R22] 抵抗
49	VRD-HT2EY150J	AA	DD		C	Resistor(1/4W 15Ω ±5%) [R23,R21] 抵抗
50	VRD-HT2EY163J	AA	DD		C	Resistor(1/4W 16KΩ ±5%) [R36] 抵抗
51	VRD-HT2EY181J	AA	DD		C	Resistor(1/4W 180Ω ±5%) [R56,R57] 抵抗
52	VRD-HT2EY301J	AA	DD		C	Resistor(1/4W 300Ω ±5%) [R15] 抵抗
53	VRD-HT2EY332J	AA	DD		C	Resistor(1/4W 3.3KΩ ±5%) [R13] 抵抗
54	VRD-HT2EY513J	AA	DD		C	Resistor(1/4W 51KΩ ±5%) [R41] 抵抗
55	VRS-CZ1JD000J	AA	DD		C	Resistor(1/16W 0Ω ±5%) [R8,R20,R28,R31] 抵抗
56	VRS-CZ1JD103J	AA	DD		C	Resistor(1/16W 10KΩ ±5%) [R5,R6,R32,R39,R43,R44,R45,R47,R55] 抵抗
57	VRS-CZ1JD104J	AA	DD		C	Resistor(1/16W 100KΩ ±5%) [R37] 抵抗
58	VRS-CZ1JD112J	AA	DD		C	Resistor(1/16W 1.1KΩ ±5%) [R10] 抵抗
59	VRS-CZ1JD113J	AA	DD		C	Resistor(1/16W 11KΩ ±5%) [R25] 抵抗
60	VRS-CZ1JD153J	AA	DD		C	Resistor(1/16W 15KΩ ±5%) [R17] 抵抗
61	VRS-CZ1JD203J	AA	DD		C	Resistor(1/16W 20KΩ ±5%) [R46,R29] 抵抗
62	VRS-CZ1JD223J	AA	DD		C	Resistor(1/16W 22KΩ ±5%) [R2,R4,R53] 抵抗
63	VRS-CZ1JD243J	AA	DD		C	Resistor(1/16W 24KΩ ±5%) [R18,R26,R48,R52] 抵抗
64	VRS-CZ1JD303J	AA	DD		C	Resistor(1/16W 30KΩ ±5%) [R54] 抵抗
65	VRS-CZ1JD333J	AA	DD		C	Resistor(1/16W 33KΩ ±5%) [R27] 抵抗
66	VRS-CZ1JD431J	AF	DS		C	Resistor(1/16W 430Ω ±5%) [R12] 抵抗
67	VRS-CZ1JD471J	AA	DD		C	Resistor(1/16W 470Ω ±5%) [R16] 抵抗
68	VRS-CZ1JD472J	AA	DD		C	Resistor(1/16W 4.7KΩ ±5%) [R50] 抵抗
69	VRS-CZ1JD563J	AA	DD		C	Resistor(1/16W 56KΩ ±5%) [R3,R1] 抵抗
70	VRS-CZ1JD912J	AA	DD		C	Resistor(1/16W 9.1KΩ ±5%) [R14] 抵抗
74	VSDTC143ZKA-1	AC	DJ		B	Transistor(DTC143ZKA) [Q3,Q5,Q6,Q7,Q8,Q10,Q11,Q12,Q13] ﾄﾗﾝｼﾞｽﾀｰ
75	VS2SC2412KS-1	AB	DD		B	Transistor(2SC2412KS) [Q9] ﾄﾗﾝｼﾞｽﾀｰ

7 ﾓﾃﾞﾑｺﾝﾄﾛｰﾙ基板 (Modem control PWB U)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
1	QCNCM1069ACZZ	AD	DD		C	Connector(6pin) [CN8] ｺﾈｸﾀｰ
2	QCNCM7014SC0B	AD	DJ		C	Connector(2pin) [CN5] ｺﾈｸﾀｰ
3	QCNCM7014SC0C	AA	DD		C	Connector(3pin) [CN7] ｺﾈｸﾀｰ
4	QCNCW1155FCZZ	AE	DJ		C	Connector(30FE-BT-VK-N) [CN6] ｺﾈｸﾀｰ
6	QSOCN0082FCZZ	AP	EQ		C	Socket(DX10G1M26SE) [CN1] ｿｹｯﾄ
7	QSOCZ0094FCPZ	AL	EG		C	ROM Socket(2SD72AR1131) [CN4] ROM ｿｹｯﾄ
9	RC-KZ0008QCZZ	AB	DD		C	Capacitor(50WV 0.1μF) [C35,C45,C46,C47,C48,C49,C50,C51,C52,C56,C58,C97] ｺﾝﾃﾞﾝｻｰ
	RC-KZ0008QCZZ	AB	DD		C	Capacitor(50WV 0.1μF) [C99,C100,C157,C186] ｺﾝﾃﾞﾝｻｰ
10	RCORF1072ACZZ	AB	DJ		C	Core(BLM15AG601S) [R218,R219,R220,R221,R222,R237,R238,R239,R240,R241] ｺｱ
	RCORF1072ACZZ	AB	DJ		C	Core(BLM15AG601S) [R242] ｺｱ
11	RCRSP0069FCZZ	AG	DS		B	Crystal(14.7456MHz) [X2] ｸﾘｽﾀﾙ
14	RFiLN0047FCZZ	AC	DJ		C	Filter(MMZ1608S121) [NF2] ﾌｨﾙﾀｰ
15	RFiLZ1042LCZZ	AC	DJ		C	Filter(1000pF) [NF1] ﾌｨﾙﾀｰ
16	RMPTR4470ACZZ	AB	DD		B	Block resistor(47Ω×4) [BR1,BR2,BR3,BR4,BR5,BR6,BR7,BR8,BR9,BR10,BR11] ﾌﾞﾛｯｸ抵抗
	RMPTR4470ACZZ	AB	DD		B	Block resistor(47Ω×4) [BR12,BR13,BR14,BR15,BR16,BR17,BR18,BR19,BR20,BR21] ﾌﾞﾛｯｸ抵抗
	RMPTR4470ACZZ	AB	DD		B	Block resistor(47Ω×4) [BR22,BR23,BR24,BR25,BR26,BR27,BR28,BR29,BR30,BR31] ﾌﾞﾛｯｸ抵抗
	RMPTR4470ACZZ	AB	DD		B	Block resistor(47Ω×4) [BR32,BR33,BR34,BR35,BR36,BR37,BR38,BR39,BR40,BR41] ﾌﾞﾛｯｸ抵抗
	RMPTR4470ACZZ	AB	DD		B	Block resistor(47Ω×4) [BR42,BR43,BR44,BR45,BR46,BR47] ﾌﾞﾛｯｸ抵抗
17	VCCCCZ1EH151J	AA	DD		C	Capacitor(25WV 150pF) [C1004] ｺﾝﾃﾞﾝｻｰ
18	VCCCCZ1HH100D	AA	DD		C	Capacitor(50WV 10pF) [C2,C7,C108,C109,C1000,C1005,C1007,C1033,C1035] ｺﾝﾃﾞﾝｻｰ
19	VCCCCZ1HH101J	AA	DD		C	Capacitor(50WV 100pF) [C91,C96] ｺﾝﾃﾞﾝｻｰ
20	VCEASM1CM106M	AB	DD		C	Capacitor(16WV 10μF) [C11,C80,C82,C83,C84,C89,C114,C128] ｺﾝﾃﾞﾝｻｰ
21	VCEASM1EM107M	AD	DJ	N	C	Capacitor(25WV 100μF) [C123,C154,C176] ｺﾝﾃﾞﾝｻｰ
24	VCFYDA1HA104J	AC	DD		C	Capacitor(50WV 0.1μF) [C39,C67] ｺﾝﾃﾞﾝｻｰ
25	VCFYDA1HA105J	AE	DJ		C	Capacitor(50WV 1μF) [C126,C122] ｺﾝﾃﾞﾝｻｰ
26	VCKYCZ1AF224Z	AC	DD		C	Capacitor(10WV 0.22μF) [C107,C110,C111,C112,C113,C125,C127,C143,C144,C152] ｺﾝﾃﾞﾝｻｰ
	VCKYCZ1AF224Z	AC	DD		C	Capacitor(10WV 0.22μF) [C155,C177,C178,C179,C180,C181] ｺﾝﾃﾞﾝｻｰ
27	VCKYCZ1CB103K	AA	DD		C	Capacitor(16WV 0.010μF) [C147,C148,C149,C150,C151,C159,C164,C165,C166,C167] ｺﾝﾃﾞﾝｻｰ
	VCKYCZ1CB103K	AA	DD		C	Capacitor(16WV 0.010μF) [C168,C169] ｺﾝﾃﾞﾝｻｰ
28	VCKYCZ1CF104Z	AB	DD		C	Capacitor(16WV 0.1μF) [C1,C3,C8,C9,C13,C14,C15,C16,C17,C21,C22,C24,C25] ｺﾝﾃﾞﾝｻｰ
	VCKYCZ1CF104Z	AB	DD		C	Capacitor(16WV 0.1μF) [C26,C27,C29,C30,C31,C32,C33,C34,C36,C37,C38,C42] ｺﾝﾃﾞﾝｻｰ
	VCKYCZ1CF104Z	AB	DD		C	Capacitor(16WV 0.1μF) [C43,C54,C62,C63,C65,C68,C69,C70,C73,C74,C75,C76] ｺﾝﾃﾞﾝｻｰ
	VCKYCZ1CF104Z	AB	DD		C	Capacitor(16WV 0.1μF) [C77,C81,C85,C86,C90,C93,C94,C95,C101,C102,C103] ｺﾝﾃﾞﾝｻｰ
	VCKYCZ1CF104Z	AB	DD		C	Capacitor(16WV 0.1μF) [C104,C115,C116,C117,C119,C121,C124,C129,C131,C132] ｺﾝﾃﾞﾝｻｰ
	VCKYCZ1CF104Z	AB	DD		C	Capacitor(16WV 0.1μF) [C133] ｺﾝﾃﾞﾝｻｰ
29	VCKYCZ1EB472K	AA	DD		C	Capacitor(25WV 4700pF) [C55] ｺﾝﾃﾞﾝｻｰ
30	VCKYCZ1HB102K	AA	DD		C	Capacitor(50WV 1000pF) [C23,C53,C59,C60,C61,C87,C88,C140] ｺﾝﾃﾞﾝｻｰ
31	VCKYCZ1HB222K	AA	DD		C	Capacitor(50WV 2200pF) [C64] ｺﾝﾃﾞﾝｻｰ
32	VCKYCZ1HB471K	AA	DD		C	Capacitor(50WV 470pF) [C6,C5] ｺﾝﾃﾞﾝｻｰ
33	VCKYCZ1HB681K	AA	DD		C	Capacitor(50WV 680pF) [C92] ｺﾝﾃﾞﾝｻｰ
34	VHD1SS355//-1	AB	DJ		B	Diode(1SS355) [D1,D2,D8,D9,D12] ﾀﾞｲｵｰﾄﾞ
35	VHDRB751V40-1	AD	DJ		B	Diode(RB751V-40) [D4,D5,D6,D7,D17,D18] ﾀﾞｲｵｰﾄﾞ
38	VHi74LCX04FT1	AE	DS		B	IC(74LCX04FT1) [IC12] IC
41	VHiCAT24W02-1	AG	DS		B	IC(CAT24W02) [IC7] IC
43	VHiT4052BFF-1	AG	DX	N	B	IC(T4052BFF) [IC13] IC
44	VHi74LCX74T-1	AG	DS		B	IC(TC74LCX74FT) [IC28] IC
45	VHiLM1117M3-1	AH	DX		B	IC(LM1117MPX3) [IC21] IC
46	VHiMAX3225E-1	AT	EZ		B	IC(MAX3225E) [IC10,IC11] IC
48	VHiN195006E-1	BK	HC		B	IC(N195006E) [IC27] IC
49	VHiNJM2113M-1	AG	DS		B	IC(NJM2113-M) [IC16] IC
50	VHiNJM4558MF1	AE	DJ		B	IC(NJM4558MF1) [IC14] IC
51	VHiNJM78L05A1	AD	DJ		B	IC(NJM78L05A1) [IC8] IC
53	VHiPST591CMT1	AE	DS		B	IC(PST591CMT1) [IC2] IC
54	VHiSD4M16L1-1	AZ	FX		B	IC(SD4M16L1) [IC23,IC24,IC26] IC
55	VHiSH770910-1	BH	GX		B	IC(SH770910) [IC17] IC
57	VHiTD62503F/-	AG	DX		B	IC(TD62503F) [IC9] IC
60	VHiUPD659461C	BA	FX		B	IC(UPD659461) [IC25] IC
61	VHPSLR322VC3F	AC	DJ		B	LED(Red)(SLR322VC3F) [LED3,LED2] LED
62	VRD-HT2EY751J	AA	DD		C	Resistor(1/4W 750Ω ±5%) [R115] 抵抗
63	VRS-CZ1JD000J	AA	DD		C	Resistor(1/16W 0Ω ±5%) [R12,R21,R30,R31,R32,R33,R34,R36,R37,R38,R39,R41] 抵抗
	VRS-CZ1JD000J	AA	DD		C	Resistor(1/16W 0Ω ±5%) [R42,R89,R143,R147,R155,R161,R163,R167,R171,R179] 抵抗

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NO.	PARTS CODE	PRICE RANK Ex.	PRICE RANK Ja.	NEW MARK	PART RANK	DESCRIPTION
63	VRS-CZ1JD000J	AA	DD		C	Resistor(1/16W 0Ω ±5%) [R180,R181,R189,R190,R191,R192,R193,R210,R211,R212] 抵抗
	VRS-CZ1JD000J	AA	DD		C	Resistor(1/16W 0Ω ±5%) [R215,R217,R228,R246] 抵抗
64	VRS-CZ1JD101J	AA	DD		C	Resistor(1/16W 100Ω ±5%) [R141,R223,R255] 抵抗
65	VRS-CZ1JD102J	AA	DD		C	Resistor(1/16W 1.0KΩ ±5%) [R10,R15,R65,R66,R67,R109,R111,R113,R114,R116,R139] 抵抗
	VRS-CZ1JD102J	AA	DD		C	Resistor(1/16W 1.0KΩ ±5%) [R140,R149,R174,R195,R243,R244] 抵抗
66	VRS-CZ1JD103J	AA	DD		C	Resistor(1/16W 10KΩ ±5%) [R45,R69,R70,R71,R78,R79,R85,R106,R110,R112,R118] 抵抗
	VRS-CZ1JD103J	AA	DD		C	Resistor(1/16W 10KΩ ±5%) [R128,R138,R145,R152,R153,R158,R159,R176,R177,R178] 抵抗
	VRS-CZ1JD103J	AA	DD		C	Resistor(1/16W 10KΩ ±5%) [R184,R185,R186,R194,R224,R227] 抵抗
67	VRS-CZ1JD104J	AA	DD		C	Resistor(1/16W 100KΩ ±5%) [R84,R131,R136] 抵抗
68	VRS-CZ1JD122J	AA	DD		C	Resistor(1/16W 1.2KΩ ±5%) [R148] 抵抗
69	VRS-CZ1JD123J	AA	DD		C	Resistor(1/16W 12KΩ ±5%) [R88] 抵抗
70	VRS-CZ1JD154F	AA	DD		C	Resistor(1/16W 150KΩ ±1%) [R127] 抵抗
71	VRS-CZ1JD183J	AA	DD		C	Resistor(1/16W 18KΩ ±5%) [R81,R129] 抵抗
72	VRS-CZ1JD203J	AA	DD		C	Resistor(1/16W 20KΩ ±5%) [R133] 抵抗
73	VRS-CZ1JD220J	AA	DD		C	Resistor(1/16W 22Ω ±5%) [R26] 抵抗
74	VRS-CZ1JD222J	AA	DD		C	Resistor(1/16W 2.2KΩ ±5%) [R117] 抵抗
75	VRS-CZ1JD272J	AA	DD		C	Resistor(1/16W 2.7KΩ ±5%) [R123] 抵抗
76	VRS-CZ1JD273J	AA	DD		C	Resistor(1/16W 27KΩ ±5%) [R16] 抵抗
77	VRS-CZ1JD302J	AA	DD		C	Resistor(1/16W 3KΩ ±5%) [R90] 抵抗
78	VRS-CZ1JD330J	AA	DD		C	Resistor(1/16W 33Ω ±5%) [R47,R183,R201,R214,R261,R262] 抵抗
79	VRS-CZ1JD333J	AA	DD		C	Resistor(1/16W 33KΩ ±5%) [R86,R87] 抵抗
80	VRS-CZ1JD363F	AB	DD		C	Resistor(1/16W 36KΩ ±1%) [R164,R169] 抵抗
81	VRS-CZ1JD363J	AA	DD		C	Resistor(1/16W 36KΩ ±5%) [R130] 抵抗
82	VRS-CZ1JD393J	AA	DD		C	Resistor(1/16W 39KΩ ±5%) [R82] 抵抗
83	VRS-CZ1JD470J	AA	DD		C	Resistor(1/16W 47Ω ±5%) [R3,R18,R19,R22,R23,R24,R29,R46,R68,R72,R73,R74] 抵抗
	VRS-CZ1JD470J	AA	DD		C	Resistor(1/16W 47Ω ±5%) [R75,R76,R77,R92,R93,R94,R95,R96,R97,R98,R99,R100] 抵抗
	VRS-CZ1JD470J	AA	DD		C	Resistor(1/16W 47Ω ±5%) [R101,R102,R103,R105,R107,R108,R137,R144,R187,R188] 抵抗
	VRS-CZ1JD470J	AA	DD		C	Resistor(1/16W 47Ω ±5%) [R197,R198,R199,R200,R208,R209,R225,R229,R230,R231] 抵抗
	VRS-CZ1JD470J	AA	DD		C	Resistor(1/16W 47Ω ±5%) [R232,R233,R234,R235,R236,R245,R247,R248,R258,R259] 抵抗
84	VRS-CZ1JD471J	AA	DD		C	Resistor(1/16W 470Ω ±5%) [R63,R104] 抵抗
85	VRS-CZ1JD472J	AA	DD		C	Resistor(1/16W 4.7KΩ ±5%) [R4,R5,R6,R7,R14,R17,R25,R35,R40,R43,R44,R50,R120] 抵抗
	VRS-CZ1JD472J	AA	DD		C	Resistor(1/16W 4.7KΩ ±5%) [R121,R122,R124,R150,R151,R154,R160,R205,R216,R256] 抵抗
	VRS-CZ1JD472J	AA	DD		C	Resistor(1/16W 4.7KΩ ±5%) [R257,R11,R20] 抵抗
86	VRS-CZ1JD473J	AA	DD		C	Resistor(1/16W 47KΩ ±5%) [R173,R213,R226,R249,R250,R251,R252,R253,R254] 抵抗
87	VRS-CZ1JD510J	AA	DD		C	Resistor(1/10W 51Ω ±5%) [R204,R203] 抵抗
88	VRS-CZ1JD513J	AA	DD		C	Resistor(1/16W 51KΩ ±5%) [R135] 抵抗
89	VRS-CZ1JD560J	AA	DD		C	Resistor(1/16W 56Ω ±5%) [R196] 抵抗
90	VRS-CZ1JD563F	AA	DD		C	Resistor(1/16W 56KΩ ±1%) [R126] 抵抗
91	VRS-CZ1JD682J	AA	DD		C	Resistor(1/16W 6.8KΩ ±5%) [R134,R91] 抵抗
92	VRS-CZ1JD683J	AA	DD		C	Resistor(1/16W 68KΩ ±5%) [R132] 抵抗
94	VRS-CZ1JD912J	AA	DD		C	Resistor(1/16W 9.1KΩ ±5%) [R83] 抵抗
95	VRS-CZ1JD913J	AA	DD		C	Resistor(1/16W 91KΩ ±5%) [R80] 抵抗
96	VS2SA1577Q/RC	AC	DD		B	Transistor(2SA1577Q/RC) [TR8] ﾄﾗﾝｼﾞｽﾀｰ
97	VS2SD592A//-1	AE	DJ		B	Transistor(2SD592A) [TR25] ﾄﾗﾝｼﾞｽﾀｰ
98	VSDTA114EUA-1	AC	DJ		B	Transistor(DTA114EUA) [TR27,TR15] ﾄﾗﾝｼﾞｽﾀｰ
99	VSDTC143ZUA-1	AC	DJ		B	Transistor(DTC143ZUA) [TR2,TR3,TR4,TR5,TR6,TR7,TR9,TR10,TR11,TR12,TR13] ﾄﾗﾝｼﾞｽﾀｰ
	VSDTC143ZUA-1	AC	DJ		B	Transistor(DTC143ZUA) [TR14,TR16,TR17,TR18,TR19,TR20,TR21,TR22,TR23,TR24] ﾄﾗﾝｼﾞｽﾀｰ
	VSDTC143ZUA-1	AC	DJ		B	Transistor(DTC143ZUA) [TR26,TR28,TR29] ﾄﾗﾝｼﾞｽﾀｰ
	(Unit)					
901	CPWBX1618FCE1	CC	TZ	N	E	Modem control PWB unit ﾓﾃﾞﾑｺﾝﾄﾛｰﾙ基板

8 FAX ｲﾝﾀｰﾌｪｰｽ基板 U(FAX interface PWB U)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION		
		Ex.	Ja.					
1	QCNCW1180FCZZ	AN	EG		C	Connector(100R2.8JXKS)	[CN3]	ｺﾈｸﾀｰ
2	QSOCN0082FCZZ	AP	EQ		C	Socket(DX10G1M26SE)	[CN1]	ｿｹｯﾄ
3	QSOCZ0092FCZZ	AR	EQ		C	Socket(177827-1)	[CN2]	ｿｹｯﾄ
4	RC-KZ0008QCZZ	AB	DD		C	Capacitor(50WV 0.1μF)	[C1,C2,C7,C8,C12,C13,C14,C15]	ｺﾝﾃﾞﾝｻｰ
5	VCEASM1CM106M	AB	DD		C	Capacitor(16WV 10μF)	[C24]	ｺﾝﾃﾞﾝｻｰ
6	VCKYCZ1CF104Z	AB	DD		C	Capacitor(16WV 0.1μF)	[C3,C4,C5,C6,C9,C10,C11,C17,C25]	ｺﾝﾃﾞﾝｻｰ
7	VHiLHF80J01-1	AX	FG		B	IC(LHF80J01)	[IC1,IC2]	IC
8	VHiMAX3225E-1	AT	EZ		B	IC(MAX3225E)	[IC3,IC4]	IC
9	VHViCPS1.2/-1	AF	DS		B	IC protecrot(ICPS1.2)	[F1]	ICﾌﾟﾛﾃｸﾀｰ
10	VRS-CZ1JD000J	AA	DD		C	Resistor(1/16W 0Ω ±5%)	[R3,R4,R6,R7,R12,R13,R14]	抵抗
	VRS-CZ1JD000J	AA	DD		C	Resistor(1/16W 0Ω ±5%)	[R15,R16,R17,R18,R19]	抵抗
11	VRS-CZ1JD101J	AA	DD		C	Resistor(1/16W 100Ω ±5%)	[R21,R22,R23,R24,R25,R26,R27]	抵抗
	VRS-CZ1JD101J	AA	DD		C	Resistor(1/16W 100Ω ±5%)	[R28,R29,R30,R31,R32,R33,R34]	抵抗
	VRS-CZ1JD101J	AA	DD		C	Resistor(1/16W 100Ω ±5%)	[R35,R36,R37,R38,R39,R40,R41]	抵抗
	VRS-CZ1JD101J	AA	DD		C	Resistor(1/16W 100Ω ±5%)	[R42,R43,R44,R45]	抵抗
12	VRS-CZ1JD472J	AA	DD		C	Resistor(1/16W 4.7KΩ ±5%)	[R1,R2,R5,R8,R9,R10,R11,R20]	抵抗
	(Unit)							
901	CPWBX1640FCE1	BL	HL	N	E	FAX interface PWB unit		FAX ｲﾝﾀｰﾌｪｰｽ基板 U

9 FAX AC 電源基板 (FAX AC power supply unit)…100V series

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION		
		Ex.	Ja.					
1	0FT23040224//	AD	DJ		C	Angle(TC-92 30X36X1T)	[1]	金具
2	0FT23042251//	AP	EQ		C	Fin(AL1 30X30)	[2]	ﾌｨﾝ
3	0FT23075095//	AP	EQ		C	Connector(B6P-VH)	[CN1]	ｺﾈｸﾀ
4	0FT23194310//	AU	EZ		B	Thermistor(NTH11D8R0LA)	[TH1]	ｻﾐｽﾀ
5	0FT23314081//	AU	EZ		B	IC(UPC393C)	[Z6]	IC
7	0FT23423816//	AC	DJ		C	Screw(M3X8 S NP3 W・SW)	[5]	小ﾜｯｼｬ W ｾﾑｽﾈｼﾞ
8	0FT23432963//	AC	DJ		C	Screw(M3X10 S NP3 W.SW)	[6]	小ﾜｯｼｬ W ｾﾑｽﾈｼﾞ
9	0FT23485706//	AK	DX		C	Connector(B2B-PH-K-S)	[CN4]	ｺﾈｸﾀ
10	0FT23559467//	AR	EQ		B	Transistor(2SC3588 HFE=L:K)	[Q11]	ﾄﾗﾝｼﾞｽﾀ
11	0FT23562328//	AD	DJ		C	Resistor(RSMF2SL 68KΩJ)	[R2]	酸化金属被膜抵抗器
12	0FT23562379//	AD	DJ		C	Resistor(RSMF12SL 1ΩJ)	[R20]	酸化金属被膜抵抗器
13	0FT23562379//	AD	DJ		C	Resistor(RSMF12SL 1ΩJ)	[R83]	酸化金属被膜抵抗器
14	0FT23562549//	AD	DJ		C	Resistor(RSMF12SL 330ΩJ)	[R62]	酸化金属被膜抵抗器
15	0FT23562700//	AD	DJ		C	Resistor(RSMF12SL 47KΩJ)	[R13]	酸化金属被膜抵抗器
16	0FT23562700//	AD	DJ		C	Resistor(RSMF12SL 47KΩJ)	[R14]	酸化金属被膜抵抗器
17	0FT23562727//	AD	DJ		C	Resistor(RSMF12SL 100KΩJ)	[R54]	酸化金属被膜抵抗器
18	0FT23562816//	AC	DJ		C	Resistor(RSMF1SL 2.2ΩJ)	[R11]	酸化金属被膜抵抗器
19	0FT23562816//	AC	DJ		C	Resistor(RSMF1SL 2.2ΩJ)	[R12]	酸化金属被膜抵抗器
20	0FT23562859//	AD	DJ		C	Resistor(RSMF1SL 10ΩJ)	[R18]	酸化金属被膜抵抗器
21	0FT23563103//	AD	DJ		C	Resistor(RSMF1SL 47KΩJ)	[R4]	酸化金属被膜抵抗器
22	0FT23563103//	AD	DJ		C	Resistor(RSMF1SL 47KΩJ)	[R5]	酸化金属被膜抵抗器
23	0FT23563324//	AC	DJ		C	Resistor(RSMF2SL 100ΩJ)	[R10]	酸化金属被膜抵抗器
24	0FT23563324//	AC	DJ		C	Resistor(RSMF2SL 100ΩJ)	[R19]	酸化金属被膜抵抗器
25	0FT23598977//	AK	DX		C	Connector(B3B-PH-K-S)	[CN2]	ｺﾈｸﾀ
26	0FT23611329//	AK	DX		C	Capacitor(MMC-104K400)	[C6]	ﾌｨﾙﾑｺﾝﾃﾞﾝｻ
27	0FT23642925//	AK	DX		B	Reactor(TG0113MADS SK)	[L4]	ﾘｱｸﾄﾙ
28	0FT23644634//	AK	DX		B	Variable resistor(EVM-4LGA00B13)	[RV1]	可変抵抗器
29	0FT23665429//	AU	EZ		B	IC(UPC78M24AHF)	[Z2]	IC
30	0FT23671666//	AU	EZ		B	IC(UPC78M12AHF)	[Z1]	IC
31	0FT23697355//	AU	EZ		B	Surge absorber(ERZV10D471)	[NR1]	ｻｰｼﾞｱﾌﾞｿｰﾊﾞ
32	0FT23736903//	AX	FG		B	Rectifier(SF10SC4)	[RC2]	整流器
33	0FT23462226//	AD	DJ		C	Resistor(RK73K2ATD 470ΩJ)	[R34]	ﾁｯﾌﾟ抵抗器
34	0FT23462226//	AD	DJ		C	Resistor(RK73K2ATD 470ΩJ)	[R65]	ﾁｯﾌﾟ抵抗器
35	0FT23462234//	AD	DJ		C	Resistor(RK73K2ATD 1KΩJ)	[R30]	ﾁｯﾌﾟ抵抗器
36	0FT23462234//	AD	DJ		C	Resistor(RK73K2ATD 1KΩJ)	[R35]	ﾁｯﾌﾟ抵抗器
37	0FT23462234//	AD	DJ		C	Resistor(RK73K2ATD 1KΩJ)	[R41]	ﾁｯﾌﾟ抵抗器
38	0FT23462234//	AD	DJ		C	Resistor(RK73K2ATD 1KΩJ)	[R44]	ﾁｯﾌﾟ抵抗器
39	0FT23462250//	AD	DJ		C	Resistor(RK73K2ATD 2.2KΩJ)	[R38]	ﾁｯﾌﾟ抵抗器
40	0FT23462250//	AD	DJ		C	Resistor(RK73K2ATD 2.2KΩJ)	[R39]	ﾁｯﾌﾟ抵抗器
41	0FT23462250//	AD	DJ		C	Resistor(RK73K2ATD 2.2KΩJ)	[R52]	ﾁｯﾌﾟ抵抗器
42	0FT23462250//	AD	DJ		C	Resistor(RK73K2ATD 2.2KΩJ)	[R66]	ﾁｯﾌﾟ抵抗器
43	0FT23462250//	AD	DJ		C	Resistor(RK73K2ATD 2.2KΩJ)	[R68]	ﾁｯﾌﾟ抵抗器
44	0FT23462269//	AD	DJ		C	Resistor(RK73K2ATD 10KΩJ)	[R8]	ﾁｯﾌﾟ抵抗器
45	0FT23462269//	AD	DJ		C	Resistor(RK73K2ATD 10KΩJ)	[R17]	ﾁｯﾌﾟ抵抗器
46	0FT23462269//	AD	DJ		C	Resistor(RK73K2ATD 10KΩJ)	[R48]	ﾁｯﾌﾟ抵抗器
47	0FT23462293//	AD	DJ		C	Resistor(RK73K2ATD 560ΩJ)	[R31]	ﾁｯﾌﾟ抵抗器
48	0FT23463362//	AD	DJ		C	Resistor(RK73K2ATD 180ΩJ)	[R42]	ﾁｯﾌﾟ抵抗器
49	0FT23536106//	AD	DJ		C	Resistor(RK73K2ATD 1.5KΩJ)	[RX2]	ﾁｯﾌﾟ抵抗器
50	0FT23536106//	AD	DJ		C	Resistor(RK73K2ATD 1.5KΩJ)	[R22]	ﾁｯﾌﾟ抵抗器
51	0FT23536106//	AD	DJ		C	Resistor(RK73K2ATD 1.5KΩJ)	[R59]	ﾁｯﾌﾟ抵抗器
52	0FT23538850//	AD	DJ		C	Resistor(RK73K2ATD 4.7KΩJ)	[R46]	ﾁｯﾌﾟ抵抗器
53	0FT23538850//	AD	DJ		C	Resistor(RK73K2ATD 4.7KΩJ)	[R67]	ﾁｯﾌﾟ抵抗器
54	0FT23538885//	AD	DJ		C	Resistor(RK73K2ATD 100ΩJ)	[R69]	ﾁｯﾌﾟ抵抗器
55	0FT23538915//	AD	DJ		C	Resistor(RK73K2ATD 5.6KΩJ)	[R71]	ﾁｯﾌﾟ抵抗器

9 FAX AC 電源基板 (FAX AC power supply unit)…100V series

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
56	0FT23538923//	AD	DJ		C	Resistor(RK73K2ATD 3.9KΩJ)	[R37] ﾁｯﾌﾟ抵抗器
57	0FT23538974//	AD	DJ		C	Resistor(RK73K2ATD 2.7KΩJ)	[R7] ﾁｯﾌﾟ抵抗器
58	0FT23538982//	AD	DJ		C	Resistor(RK73K2ATD 47ΩJ)	[R23] ﾁｯﾌﾟ抵抗器
59	0FT23541509//	AK	DX		B	Zener diode(RD8.2M-B2)	[D11] ﾁｯﾌﾟﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
60	0FT23546047//	AD	DJ		C	Resistor(RK73K2ATD 100KΩJ)	[R57] ﾁｯﾌﾟ抵抗器
61	0FT23546047//	AD	DJ		C	Resistor(RK73K2ATD 100KΩJ)	[R63] ﾁｯﾌﾟ抵抗器
62	0FT23549119//	AF	DS		C	Capacitor(GRM40R103K25PT)	[C10] ﾁｯﾌﾟｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
63	0FT23549119//	AF	DS		C	Capacitor(GRM40R103K25PT)	[C13] ﾁｯﾌﾟｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
64	0FT23549119//	AF	DS		C	Capacitor(GRM40R103K25PT)	[C14] ﾁｯﾌﾟｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
65	0FT23549119//	AF	DS		C	Capacitor(GRM40R103K25PT)	[C39] ﾁｯﾌﾟｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
66	0FT23549119//	AF	DS		C	Capacitor(GRM40R103K25PT)	[C50] ﾁｯﾌﾟｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
67	0FT23549119//	AF	DS		C	Capacitor(GRM40R103K25PT)	[C54] ﾁｯﾌﾟｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
68	0FT23549119//	AF	DS		C	Capacitor(GRM40R103K25PT)	[C55] ﾁｯﾌﾟｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
69	0FT23551148//	AK	DX		B	Zener diode(RD12M-B2-T1)	[D5] ﾁｯﾌﾟﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
70	0FT23551377//	AK	DX		B	Diode(SFPM-52VL)	[D62] ﾁｯﾌﾟﾀﾞｲｵｰﾄﾞ
71	0FT23557111//	AD	DJ		C	Resistor(RK73K2ATD 220ΩJ)	[R21] ﾁｯﾌﾟ抵抗器
72	0FT23565505//	AD	DJ		C	Resistor(RK73K2ATD 220KΩJ)	[R56] ﾁｯﾌﾟ抵抗器
73	0FT23578194//	AD	DJ		C	Resistor(RK73K2ATD 22ΩJ)	[R43] ﾁｯﾌﾟ抵抗器
74	0FT23578194//	AD	DJ		C	Resistor(RK73K2ATD 22ΩJ)	[R51] ﾁｯﾌﾟ抵抗器
75	0FT23581330//	AD	DJ		C	Capacitor(GRM40R104K25PT)	[CX1] ﾁｯﾌﾟｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
76	0FT23581330//	AD	DJ		C	Capacitor(GRM40R104K25PT)	[CX2] ﾁｯﾌﾟｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
77	0FT23581330//	AD	DJ		C	Capacitor(GRM40R104K25PT)	[C36] ﾁｯﾌﾟｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
78	0FT23583309//	AG	DX		B	Zener diode(RD5.6M-B2-T1)	[D42] ﾁｯﾌﾟﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
79	0FT23598470//	AG	DX		B	Zener diode(RD10M-B2-T1)	[D46] ﾁｯﾌﾟﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
80	0FT23624293//	AD	DJ		C	Resistor(RK73K2ATD 27KΩJ)	[R16] ﾁｯﾌﾟ抵抗器
81	0FT23625591//	AD	DJ		C	Resistor(RK73K2ATD 1.8KΩJ)	[R36] ﾁｯﾌﾟ抵抗器
82	0FT23625591//	AD	DJ		C	Resistor(RK73K2ATD 1.8KΩJ)	[R40] ﾁｯﾌﾟ抵抗器
83	0FT23663914//	AD	DJ		C	Resistor(RK73K2ATD 5.1KΩJ)	[R33] ﾁｯﾌﾟ抵抗器
84	0FT33122675//	AF	DS		B	Diode(KDS184RTK)	[D6] ﾁｯﾌﾟﾀﾞｲｵｰﾄﾞ
85	0FT33122675//	AF	DS		B	Diode(KDS184RTK)	[D10] ﾁｯﾌﾟﾀﾞｲｵｰﾄﾞ
86	0FT33122675//	AF	DS		B	Diode(KDS184RTK)	[D12] ﾁｯﾌﾟﾀﾞｲｵｰﾄﾞ
87	0FT33122675//	AF	DS		B	Diode(KDS184RTK)	[D44] ﾁｯﾌﾟﾀﾞｲｵｰﾄﾞ
88	0FT33122675//	AF	DS		B	Diode(KDS184RTK)	[D45] ﾁｯﾌﾟﾀﾞｲｵｰﾄﾞ
89	0FT33122675//	AF	DS		B	Diode(KDS184RTK)	[D47] ﾁｯﾌﾟﾀﾞｲｵｰﾄﾞ
90	0FT33122675//	AF	DS		B	Diode(KDS184RTK)	[D54] ﾁｯﾌﾟﾀﾞｲｵｰﾄﾞ
91	0FT33122675//	AF	DS		B	Diode(KDS184RTK)	[D55] ﾁｯﾌﾟﾀﾞｲｵｰﾄﾞ
92	0FT33122675//	AF	DS		B	Diode(KDS184RTK)	[D61] ﾁｯﾌﾟﾀﾞｲｵｰﾄﾞ
93	0FT33122675//	AF	DS		B	Diode(KDS184RTK)	[D63] ﾁｯﾌﾟﾀﾞｲｵｰﾄﾞ
94	0FT33122675//	AF	DS		B	Diode(KDS184RTK)	[D66] ﾁｯﾌﾟﾀﾞｲｵｰﾄﾞ
95	0FT33189184//	AD	DJ		C	Capacitor(GRM40-034R104K50PT)	[C24] ﾁｯﾌﾟｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
96	0FT23095657//	AF	DS		B	Transistor(2SC1815-Y:GR TPE2)	[Q2] ﾄﾗﾝｼﾞｽﾀ
97	0FT23095657//	AF	DS		B	Transistor(2SC1815-Y:GR TPE2)	[Q7] ﾄﾗﾝｼﾞｽﾀ
98	0FT23095657//	AF	DS		B	Transistor(2SC1815-Y:GR TPE2)	[Q9] ﾄﾗﾝｼﾞｽﾀ
99	0FT23095657//	AF	DS		B	Transistor(2SC1815-Y:GR TPE2)	[Q12] ﾄﾗﾝｼﾞｽﾀ
100	0FT23124819//	AK	DX		C	Capacitor(KME25VB-220 TC-04)	[C27] 電解ｺﾝﾃﾞﾝｻ
101	0FT23124827//	AF	DS		C	Capacitor(KME25VB-47 TC-04)	[C29] 電解ｺﾝﾃﾞﾝｻ
102	0FT23204782//	AP	EQ		C	Capacitor(KME35VB-220 TC-04)	[C23] 電解ｺﾝﾃﾞﾝｻ
103	0FT23204790//	AP	EQ		C	Capacitor(KME35VB-100 TC-04)	[C17] 電解ｺﾝﾃﾞﾝｻ
104	0FT23204790//	AP	EQ		C	Capacitor(KME35VB-100 TC-04)	[C25] 電解ｺﾝﾃﾞﾝｻ
105	0FT23241823//	AP	EQ		B	Diode(EG01ZV0)	[D36] ﾀﾞｲｵｰﾄﾞ
106	0FT23259382//	AP	EQ		C	Capacitor(KME10VB-470 TC-04)	[C37] 電解ｺﾝﾃﾞﾝｻ
107	0FT23259420//	AP	EQ		C	Capacitor(KME35VB-470 TC-04)	[C20] 電解ｺﾝﾃﾞﾝｻ
108	0FT23259447//	AK	DX		C	Capacitor(KME50VB-1 TC-04)	[C34] 電解ｺﾝﾃﾞﾝｻ
109	0FT23259498//	AK	DX		C	Capacitor(KME50VB-10 TC-04)	[C15] 電解ｺﾝﾃﾞﾝｻ
110	0FT23259498//	AK	DX		C	Capacitor(KME50VB-10 TC-04)	[C35] 電解ｺﾝﾃﾞﾝｻ
111	0FT23259498//	AK	DX		C	Capacitor(KME50VB-10 TC-04)	[C56] 電解ｺﾝﾃﾞﾝｻ
112	0FT23287629//	AK	DX		B	Transistor(2SA1015-Y TPE2)	[Q6] ﾄﾗﾝｼﾞｽﾀ
113	0FT23287637//	AP	EQ		B	Transistor(2SA1020-O:Y TPE6)	[Q4] ﾄﾗﾝｼﾞｽﾀ
114	0FT23287696//	AP	EQ		B	Transistor(2SC3225 TPE6)	[Q3] ﾄﾗﾝｼﾞｽﾀ
115	0FT23287823//	AK	DX		C	Capacitor(KME50VB-22 TC-04)	[C21] 電解ｺﾝﾃﾞﾝｻ
116	0FT23319431//	AF	DS		B	Diode(1SS119-14 TD)	[D64] ﾀﾞｲｵｰﾄﾞ
117	0FT23319431//	AF	DS		B	Diode(1SS119-14 TD)	[D65] ﾀﾞｲｵｰﾄﾞ
118	0FT23326101//	AU	EZ		C	Capacitor(KME200VB-22 TC-04)	[C48] 電解ｺﾝﾃﾞﾝｻ
119	0FT23329089//	AK	DX		C	Capacitor(KME50VB-47 TC-04)	[C18] 電解ｺﾝﾃﾞﾝｻ
120	0FT23329089//	AK	DX		C	Capacitor(KME50VB-47 TC-04)	[C42] 電解ｺﾝﾃﾞﾝｻ
121	0FT23379450//	AU	EZ		B	IC(AN1431T-TA)	[Z7] IC
122	0FT23379450//	AU	EZ		B	IC(AN1431T-TA)	[Z8] IC
123	0FT23394395//	AU	EZ		C	Capacitor(KME10VB-3300 TC-03)	[C32] 電解ｺﾝﾃﾞﾝｻ
124	0FT23414892//	AF	DS		C	Resistor(RDF14 TS 820ΩJ)	[R9] ｶｰﾎﾞﾝ抵抗器
125	0FT23415341//	AF	DS		C	Resistor(RDMF14 TS 22ΩJ)	[R60] ｶｰﾎﾞﾝ抵抗器
126	0FT23415430//	AF	DS		C	Resistor(RDMF14 TS 100ΩJ)	[R82] ｶｰﾎﾞﾝ抵抗器
127	0FT23415570//	AF	DS		C	Resistor(RDMF14 TS 1KΩJ)	[RX1] ｶｰﾎﾞﾝ抵抗器
128	0FT23415570//	AF	DS		C	Resistor(RDMF14 TS 1KΩJ)	[RX5] ｶｰﾎﾞﾝ抵抗器
129	0FT23415570//	AF	DS		C	Resistor(RDMF14 TS 1KΩJ)	[RX6] ｶｰﾎﾞﾝ抵抗器
130	0FT23415600//	AF	DS		C	Resistor(RDMF14 TS 1.8KΩJ)	[R89] ｶｰﾎﾞﾝ抵抗器
131	0FT23415643//	AF	DS		C	Resistor(RDMF14 TS 3.9KΩJ)	[R58] ｶｰﾎﾞﾝ抵抗器
132	0FT23415651//	AF	DS		C	Resistor(RDMF14 TS 4.7KΩJ)	[R49] ｶｰﾎﾞﾝ抵抗器
133	0FT23415716//	AF	DS		C	Resistor(RDMF14 TS 10KΩJ)	[R53] ｶｰﾎﾞﾝ抵抗器
134	0FT23415740//	AF	DS		C	Resistor(RDMF14 TS 15KΩJ)	[R45] ｶｰﾎﾞﾝ抵抗器
135	0FT23415899//	AF	DS		C	Resistor(RDMF14 TS 100KΩJ)	[R55] ｶｰﾎﾞﾝ抵抗器

9 FAX AC 電源基板 (FAX AC power supply unit)…100V series

NO.	PARTS CODE	PRICE RANK Ex.	PRICE RANK Ja.	NEW MARK	PART RANK	DESCRIPTION	
136	0FT23429199//	AK	DX		B	Diode(AK04V0)	[D14] ﾀﾞｲｵｰﾄﾞ
137	0FT23484661//	AD	DJ		C	Resistor(RSMF12TS 0.22ΩJ)	[R84] 酸化金属被膜抵抗器
138	0FT23486796//	AK	DX		C	Capacitor(DE0905-979R471K2K)	[C11] ｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
139	0FT23486850//	AK	DX		C	Capacitor(ECQ-B1H473KF4)	[C12] ﾌｨﾙﾑｺﾝﾃﾞﾝｻ
140	0FT23486850//	AK	DX		C	Capacitor(ECQ-B1H473KF4)	[C16] ﾌｨﾙﾑｺﾝﾃﾞﾝｻ
141	0FT23543641//	AK	DX		C	Fuse holder(EYF-52BCZ)	[F1**] ﾌｭｰｽﾞﾎﾙﾀﾞｰ
142	0FT23605507//	AK	DX		B	Diode(1GU42 TPA3)	[D7] ﾀﾞｲｵｰﾄﾞ
143	0FT23605507//	AK	DX		B	Diode(1GU42 TPA3)	[D9] ﾀﾞｲｵｰﾄﾞ
144	0FT23605507//	AK	DX		B	Diode(1GU42 TPA3)	[D13] ﾀﾞｲｵｰﾄﾞ
145	0FT23605507//	AK	DX		B	Diode(1GU42 TPA3)	[D43] ﾀﾞｲｵｰﾄﾞ
146	0FT23610810//	AK	DX		B	Diode(S5688GTPA3)	[D1] ﾀﾞｲｵｰﾄﾞ
147	0FT23610810//	AK	DX		B	Diode(S5688GTPA3)	[D3] ﾀﾞｲｵｰﾄﾞ
148	0FT23610810//	AK	DX		B	Diode(S5688GTPA3)	[D8] ﾀﾞｲｵｰﾄﾞ
149	0FT23610810//	AK	DX		B	Diode(S5688GTPA3)	[D20] ﾀﾞｲｵｰﾄﾞ
150	0FT23610810//	AK	DX		B	Diode(S5688GTPA3)	[D21] ﾀﾞｲｵｰﾄﾞ
151	0FT23610810//	AK	DX		B	Diode(S5688GTPA3)	[D22] ﾀﾞｲｵｰﾄﾞ
152	0FT23610810//	AK	DX		B	Diode(S5688GTPA3)	[D23] ﾀﾞｲｵｰﾄﾞ
153	0FT23610810//	AK	DX		B	Diode(S5688GTPA3)	[D48] ﾀﾞｲｵｰﾄﾞ
154	0FT23624285//	AK	DX		B	Diode(EG01CV0)	[D52] ﾀﾞｲｵｰﾄﾞ
155	0FT23690482//	AD	DJ		C	Resistor(RSMF12TS 10ΩJ)	[R32] 酸化金属被膜抵抗器
156	0FT23752267//	AD	DJ		C	Resistor(RSMF12TS 2.2ΩJ)	[R50] 酸化金属被膜抵抗器
157	0FT23752267//	AD	DJ		C	Resistor(RSMF12TS 2.2ΩJ)	[R86] 酸化金属被膜抵抗器
158	0FT33005385//	AD	DJ		C	Resistor(RSMF12TS 4.7KΩJ)	[R87] 酸化金属被膜抵抗器
159	0FT33036442//	AD	DJ		C	Resistor(RSMF12TS 180ΩJ)	[R61] 酸化金属被膜抵抗器
160	0FT33055277//	AK	DX		C	Terminal(TP00448-41)	[4] 端子
161	0FT33186711//	AR	EQ		B	Transister(2SA1625-T HFE=M:L)	[Q8] ﾄﾗﾝｼﾞｽﾀ
162	0FT33213786//	AK	DX		C	Capacitor(DE1007-486E222M-KH)	[C2] ｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
163	0FT33213786//	AK	DX		C	Capacitor(DE1007-486E222M-KH)	[C3] ｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
164	0FT33295049//	AK	DX		C	Capacitor(DE0605-979SL470J2K)	[C7] ｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
165	0FT33388799//	AP	EQ		C	Capacitor(DE1207-486E332M-KH)	[C8] ｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
166	0FT33552203//	AD	DJ		C	Resistor(RSPF12TS 470KΩJ)	[R1] 電力形被膜抵抗器
167	0FT33570120//	AD	DJ		C	Resistor(RSPF12TS 150KΩJ)	[R90] 電力形被膜抵抗器
168	0FT33008015//	AW	FG		B	Rectifier(D2SB60)	[RC1] 整流器
169	0FT33035349//	AK	DX		B	Diode(RL2Z LF-A1)	[D38] ﾀﾞｲｵｰﾄﾞ
170	0FT33085427//	AU	EZ		B	Transister(2SA1400 HFE=K)	[Q10] ﾄﾗﾝｼﾞｽﾀ
⚠ 171	0FT33146922//	AK	DX		A	Fuse(51S040L AC125V 4A)	[F1] ｶﾞﾗｽ管ﾌｭｰｽﾞ
172	0FT33173377//	BA	FX		B	Reactle(LF-4D-E822)	[L1] ﾘｱｸﾄﾙ
173	0FT33197209//	BA	FX		B	Photo coupler(TLP747J(D4) 0884)	[PC2] ﾌｫﾄｶﾌﾟﾗ
174	0FT33199031//	AW	FG		B	Transister(2SC4130-O.Y)	[Q1] ﾄﾗﾝｼﾞｽﾀ
175	0FT33213581//	AP	EQ		C	Fin(ST-S 20G PT1 15X35X10)	[9] ﾌｨﾝ
176	0FT33262132//	AP	EQ		B	Photo coupler(PC123FY2)	[PC1] ﾌｫﾄｶﾌﾟﾗ
177	0FT33262132//	AP	EQ		B	Photo coupler(PC123FY2)	[PC3] ﾌｫﾄｶﾌﾟﾗ
178	0FT33293976//	AF	DS		C	Capacitor(DD104-63CH470J50)	[C38] ｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
179	0FT33331673//	AZ	FQ		B	Regurator(UPC29M33HF)	[Z4] IC ﾚｷﾞｭﾚｰﾀ
180	0FT33441622//	AL	EB		C	Capacitor(ECQU2A104ML P=15.0MM)	[C4] ﾌｨﾙﾑｺﾝﾃﾞﾝｻ
181	0FT33441630//	AP	EQ		C	Capacitor(ECQU2A224ML P=15.0MM)	[C1] ﾌｨﾙﾑｺﾝﾃﾞﾝｻ
182	0FT33478232//	AZ	FQ		C	Capacitor(HU4 2D 331MRXS3SS DIA22X30L)	[C5] 電解ｺﾝﾃﾞﾝｻ
183	0FT33509685//	AP	EQ		C	Connector(B04B-XASK-1-A)	[CN3] ｺﾈｸﾀ
184	0FT33529090//	AP	EQ		C	Terminal(85163 #250)	[L] ﾌｧｽﾄﾝ端子
185	0FT33529090//	AP	EQ		C	Terminal(85163 #250)	[L1F] ﾌｧｽﾄﾝ端子
186	0FT33529090//	AP	EQ		C	Terminal(85163 #250)	[N] ﾌｧｽﾄﾝ端子
187	0FT33529090//	AP	EQ		C	Terminal(85163 #250)	[N1F] ﾌｧｽﾄﾝ端子
188	0FT33568266//	BA	FX		B	Relay(SDT-S-112LMR)	[RL3] ﾘﾚｰ
189	0FT33570163//	AF	DS		C	Resistor(RSPF1B 150KΩJ)	[R24] 電力形被膜抵抗器
190	0FT33570163//	AF	DS		C	Resistor(RSPF1B 150KΩJ)	[R25] 電力形被膜抵抗器
191	0FT33603762//	BB	GD		B	IC(PQ12RF1)	[Z3] IC
192	0FT33603789//	BF	GN		B	Transformer(CXM41100-505)	[T1] 変圧器
193	0FT33638361//	BC	GJ		B	Relay(G2R-1A-E-TV8-ASI DC12V)	[RL1] ﾘﾚｰ
194	0FT33638361//	BC	GJ		B	Relay(G2R-1A-E-TV8-ASI DC12V)	[RL2] ﾘﾚｰ
⚠ 195	0FT35863281//	BF	GN		B	Transformer(EXT43420-635C)	[T2] 変圧器
	(Unit)						
⚠ 901	RDENC0004FCZ1	BZ	TR		E	FAX AC power supply unit	[100V serise] FAX AC 電源ﾕﾆｯﾄ

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NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	0FT23581330//	AD	DJ		C	Capacitor(GRM40R104K25PT (1RL=3000))	[CX1] ﾁｯﾌﾟｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
2	0FT23581330//	AD	DJ		C	Capacitor(GRM40R104K25PT (1RL=3000))	[CX2] ﾁｯﾌﾟｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
3	0FT23415570//	AF	DS		C	Resistor(RDMF14 TS 1 K OHMJ)	[RX1] ｶｰﾎﾞﾝ抵抗器
4	0FT23536106//	AD	DJ		C	Resistor(RK73K2ATD 1.5K OHMJ (1RL=5000))	[RX2] ﾁｯﾌﾟ抵抗器
5	0FT23415570//	AF	DS		C	Resistor(RDMF14 TS 1 K OHMJ)	[RX5] ｶｰﾎﾞﾝ抵抗器
6	0FT23415570//	AF	DS		C	Resistor(RDMF14 TS 1 K OHMJ)	[RX6] ｶｰﾎﾞﾝ抵抗器
7	0FT33441630//	AP	EQ		C	Capacitor(ECQU2A224ML (P=15.0MM))	[C1] ﾌｨﾙﾑｺﾝﾃﾞﾝｻ
8	0FT33213786//	AK	DX		C	Capacitor(DE1007-486E222M-KH ｽﾄ (RL900))	[C2] ｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
9	0FT33213786//	AK	DX		C	Capacitor(DE1007-486E222M-KH ｽﾄ (RL900))	[C3] ｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
10	0FT33441622//	AL	EB		C	Capacitor(ECQU2A104ML (P=15.0MM))	[C4] ﾌｨﾙﾑｺﾝﾃﾞﾝｻ
11	0FT33478240//	AZ	FQ		C	Capacitor(HU4 2G 680MRXS2SS DIA22X25L)	[C5] 電解ｺﾝﾃﾞﾝｻ
12	0FT23633012//	AH	DX		C	Capacitor(MMC-473K630)	[C6] ﾌｨﾙﾑｺﾝﾃﾞﾝｻ
13	0FT33295049//	AK	DX		C	Capacitor(DE0605-979SL470J2K (1R=1500))	[C7] ｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
14	0FT33388799//	AP	EQ		C	Capacitor(DE1207-486E332M-KH(1R900))	[C8] ｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
16	0FT23549119//	AF	DS		C	Capacitor(GRM40R103K25PT (1RL=4000))	[C10] ﾁｯﾌﾟｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
17	0FT33428332//	AK	DX		C	Capacitor(DE0705-979R221K2K)	[C11] ｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
18	0FT23486850//	AK	DX		C	Capacitor(ECQ-B1H473KF4)	[C12] ﾌｨﾙﾑｺﾝﾃﾞﾝｻ
19	0FT23549119//	AF	DS		C	Capacitor(GRM40R103K25PT (1RL=4000))	[C13] ﾁｯﾌﾟｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
20	0FT23549119//	AF	DS		C	Capacitor(GRM40R103K25PT (1RL=4000))	[C14] ﾁｯﾌﾟｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
21	0FT33061846//	AK	DX		C	Capacitor(KMF50VB-10 TC-04)	[C15] 電解ｺﾝﾃﾞﾝｻｰ
22	0FT23486850//	AK	DX		C	Capacitor(ECQ-B1H473KF4)	[C16] ﾌｨﾙﾑｺﾝﾃﾞﾝｻ
23	0FT33061765//	AP	EQ		C	Capacitor(KMF35VB-100 TC-04)	[C17] 電解ｺﾝﾃﾞﾝｻｰ
24	0FT33045115//	AK	DX		C	Capacitor(KMF50VB-47 TC-04)	[C18] 電解ｺﾝﾃﾞﾝｻｰ
25	0FT33061781//	AP	EQ		C	Capacitor(KMF35VB-470 TC-04)	[C20] 電解ｺﾝﾃﾞﾝｻｰ
26	0FT33045131//	AK	DX		C	Capacitor(KMF50VB-22 TC-04)	[C21] 電解ｺﾝﾃﾞﾝｻｰ
27	0FT33061773//	AP	EQ		C	Capacitor(KMF35VB-220 TC-04)	[C23] 電解ｺﾝﾃﾞﾝｻｰ
28	0FT33189184//	AD	DJ		C	Capacitor(GRM40-034R104K50PT (1R=3000))	[C24] ﾁｯﾌﾟｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
29	0FT33061765//	AP	EQ		C	Capacitor(KMF35VB-100 TC-04)	[C25] 電解ｺﾝﾃﾞﾝｻｰ
30	0FT33113498//	AK	DX		C	Capacitor(KMF25VB-220 TC-04)	[C27] 電解ｺﾝﾃﾞﾝｻｰ
31	0FT33061730//	AF	DS		C	Capacitor(KMF25VB-47 TC-04)	[C29] 電解ｺﾝﾃﾞﾝｻｰ
34	0FT33073380//	AU	EZ		C	Capacitor(KMF10VB-3300 TC-03)	[C32] 電解ｺﾝﾃﾞﾝｻｰ
35	0FT33061811//	AK	DX		C	Capacitor(KMF50VB-1 TC-04)	[C34] 電解ｺﾝﾃﾞﾝｻｰ
36	0FT33061846//	AK	DX		C	Capacitor(KMF50VB-10 TC-04)	[C35] 電解ｺﾝﾃﾞﾝｻｰ
37	0FT23581330//	AD	DJ		C	Capacitor(GRM40R104K25PT)	[C36] ﾁｯﾌﾟｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
38	0FT33169744//	AP	EQ		C	Capacitor(KMF10VB-470 TC-04)	[C37] 電解ｺﾝﾃﾞﾝｻｰ
39	0FT33293976//	AF	DS		C	Capacitor(DD104-63CH470J50)	[C38] ｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
40	0FT23549119//	AF	DS		C	Capacitor(GRM40R103K25PT (1RL=4000))	[C39] ﾁｯﾌﾟｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
41	0FT33045115//	AK	DX		C	Capacitor(KMF50VB-47 TC-04)	[C42] 電解ｺﾝﾃﾞﾝｻｰ
42	0FT23549119//	AF	DS		C	Capacitor(GRM40R103K25PT (1RL=4000))	[C54] ﾁｯﾌﾟｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
43	0FT23549119//	AF	DS		C	Capacitor(GRM40R103K25PT (1RL=4000))	[C55] ﾁｯﾌﾟｾﾗﾐｯｸｺﾝﾃﾞﾝｻ
44	0FT33061846//	AK	DX		C	Capacitor(KMF50VB-10 TC-04)	[C56] 電解ｺﾝﾃﾞﾝｻｰ
45	0FT23075095//	AP	EQ		C	Connector(B6P-VH)	[CN1] ｺﾈｸﾀ
46	0FT23598977//	AK	DX		C	Connector(B3B-PH-K-S)	[CN2] ｺﾈｸﾀ
48	0FT23617904//	AK	DX		B	Diode(S5688JTPA3)	[D1] ﾀﾞｲｵｰﾄﾞ
49	0FT23617904//	AK	DX		B	Diode(S5688JTPA3)	[D3] ﾀﾞｲｵｰﾄﾞ
50	0FT23551148//	AK	DX		B	Zener diode(RD12M-B2-T1 (1RL=3000))	[D5] ﾁｯﾌﾟﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
51	0FT33122675//	AF	DS		B	Diode(KDS184RTK (1RL=3000))	[D6] ﾁｯﾌﾟﾀﾞｲｵｰﾄﾞ
52	0FT23605507//	AK	DX		B	Diode(1GU42 TPA3)	[D7] ﾀﾞｲｵｰﾄﾞ
53	0FT23610810//	AK	DX		B	Diode(S5688GTPA3)	[D8] ﾀﾞｲｵｰﾄﾞ
54	0FT23605507//	AK	DX		B	Diode(1GU42 TPA3)	[D9] ﾀﾞｲｵｰﾄﾞ
55	0FT33122675//	AF	DS		B	Diode(KDS184RTK (1RL=3000))	[D10] ﾁｯﾌﾟﾀﾞｲｵｰﾄﾞ
56	0FT23541509//	AK	DX		B	Zener diode(RD8.2M-B2)	[D11] ﾁｯﾌﾟﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
57	0FT33122675//	AF	DS		B	Diode(KDS184RTK (1RL=3000))	[D12] ﾁｯﾌﾟﾀﾞｲｵｰﾄﾞ
58	0FT14365100//	AK	DX		B	Diode(EG01C)	[D13] ﾀﾞｲｵｰﾄﾞ
59	0FT23429199//	AK	DX		B	Diode(AK04V0)	[D14] ﾀﾞｲｵｰﾄﾞ
60	0FT23610810//	AK	DX		B	Diode(S5688GTPA3)	[D20] ﾀﾞｲｵｰﾄﾞ
61	0FT23610810//	AK	DX		B	Diode(S5688GTPA3)	[D21] ﾀﾞｲｵｰﾄﾞ
62	0FT23610810//	AK	DX		B	Diode(S5688GTPA3)	[D22] ﾀﾞｲｵｰﾄﾞ
63	0FT23610810//	AK	DX		B	Diode(S5688GTPA3)	[D23] ﾀﾞｲｵｰﾄﾞ
66	0FT23241823//	AP	EQ		B	Diode(EG01ZV0)	[D36] ﾀﾞｲｵｰﾄﾞ
67	0FT33035349//	AK	DX		B	Diode(RL2Z LF-A1)	[D38] ﾀﾞｲｵｰﾄﾞ
69	0FT23583309//	AG	DX		B	Zener diode(RD5.6M-B2-T1 (1RL=3000))	[D42] ﾁｯﾌﾟﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
70	0FT23605507//	AK	DX		B	Diode(1GU42 TPA3)	[D43] ﾀﾞｲｵｰﾄﾞ
71	0FT33122675//	AF	DS		B	Diode(KDS184RTK (1RL=3000))	[D44] ﾁｯﾌﾟﾀﾞｲｵｰﾄﾞ
72	0FT33122675//	AF	DS		B	Diode(KDS184RTK (1RL=3000))	[D45] ﾁｯﾌﾟﾀﾞｲｵｰﾄﾞ
73	0FT23598470//	AG	DX		B	Zener diode(RD10M-B2-T1 (1RL=3000))	[D46] ﾁｯﾌﾟﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
74	0FT33122675//	AF	DS		B	Diode(KDS184RTK (1RL=3000))	[D47] ﾁｯﾌﾟﾀﾞｲｵｰﾄﾞ
75	0FT23610810//	AK	DX		B	Diode(S5688GTPA3)	[D48] ﾀﾞｲｵｰﾄﾞ
76	0FT33122675//	AF	DS		B	Diode(KDS184RTK (1RL=3000))	[D54] ﾁｯﾌﾟﾀﾞｲｵｰﾄﾞ
77	0FT33122675//	AF	DS		B	Diode(KDS184RTK (1RL=3000))	[D55] ﾁｯﾌﾟﾀﾞｲｵｰﾄﾞ
78	0FT33122675//	AF	DS		B	Diode(KDS184RTK (1RL=3000))	[D61] ﾁｯﾌﾟﾀﾞｲｵｰﾄﾞ
79	0FT23551377//	AK	DX		B	Diode(SFPM-52VL (1RL=1800))	[D62] ﾁｯﾌﾟﾀﾞｲｵｰﾄﾞ
80	0FT33122675//	AF	DS		B	Diode(KDS184RTK (1RL=3000))	[D63] ﾁｯﾌﾟﾀﾞｲｵｰﾄﾞ
81	0FT23319431//	AF	DS		B	Diode(1SS119-14 TD)	[D64] ﾀﾞｲｵｰﾄﾞ
82	0FT23319431//	AF	DS		B	Diode(1SS119-14 TD)	[D65] ﾀﾞｲｵｰﾄﾞ
83	0FT33122675//	AF	DS		B	Diode(KDS184RTK (1RL=3000))	[D66] ﾁｯﾌﾟﾀﾞｲｵｰﾄﾞ
84	0FT23355772//	AF	DS		B	Diode(RD36ES-B2 TA11R)	[D67] ﾂｪﾅｰﾀﾞｲｵｰﾄﾞ
85	0FT33131461//	AF	DS		B	Diode(1SS119-TE)	[D68] ﾀﾞｲｵｰﾄﾞ
⚠ 86	0FT33618557//	AP	EQ		A	Fuse(215 002 AC250V 2A)	[F1] ｾﾗﾐｯｸ管ﾋｭｰｽﾞ
87	0FT23543641//	AK	DX		C	Fuse holder(EYF-52BCZ)	[F1**] ﾌｭｰｽﾞﾎﾙﾀﾞｰ

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NO.	PARTS CODE	PRICE RANK Ex.	PRICE RANK Ja.	NEW MARK	PART RANK	DESCRIPTION	
88	0FT33529090//	AP	EQ		C	Terminal(85163 #250)	[L] ﾌｧｽﾄﾝ端子
89	0FT33684207//	BA	FX		B	Reactle(LF-4ZA-E183)	[L1] ﾘｱｸﾄﾙ
90	0FT23642925//	AK	DX		B	Reactor(TG0113MADS SK)	[L4] ﾘｱｸﾄﾙ
91	0FT33529090//	AP	EQ		C	Terminal(85163 #250)	[L1F] ﾌｧｽﾄﾝ端子
92	0FT33529090//	AP	EQ		C	Terminal(85163 #250)	[N] ﾌｧｽﾄﾝ端子
93	0FT33529090//	AP	EQ		C	Terminal(85163 #250)	[N1F] ﾌｧｽﾄﾝ端子
94	0FT33258410//	AU	EZ		B	Surge absorber(ERZV10D681)	[NR1] ｻｰｼﾞｱﾌﾞｿｰﾊﾞｰ
95	0FT33262132//	AP	EQ		B	Photo coupler(PC123FY2)	[PC1] ﾌｫﾄｶﾌﾟﾗ
96	0FT33197209//	BA	FX		B	Photo coupler(TLP747J(D4) 0884)	[PC2] ﾌｫﾄｶﾌﾟﾗ
97	0FT33262132//	AP	EQ		B	Photo coupler(PC123FY2)	[PC3] ﾌｫﾄｶﾌﾟﾗ
98	0FT23473074//	AW	FG		B	Transistor(2SC4304)	[Q1] ﾄﾗﾝｼﾞｽﾀ
99	0FT23095657//	AF	DS		B	Transistor(2SC1815-Y:GR TPE2)	[Q2] ﾄﾗﾝｼﾞｽﾀ
100	0FT23287696//	AP	EQ		B	Transistor(2SC3225 TPE6)	[Q3] ﾄﾗﾝｼﾞｽﾀ
101	0FT23287637//	AP	EQ		B	Transistor(2SA1020-O:Y TPE6)	[Q4] ﾄﾗﾝｼﾞｽﾀ
102	0FT23287629//	AK	DX		B	Transistor(2SA1015-Y TPE2)	[Q6] ﾄﾗﾝｼﾞｽﾀ
103	0FT23095657//	AF	DS		B	Transistor(2SC1815-Y:GR TPE2)	[Q7] ﾄﾗﾝｼﾞｽﾀ
104	0FT23095657//	AF	DS		B	Transistor(2SC1815-Y:GR TPE2)	[Q12] ﾄﾗﾝｼﾞｽﾀ
105	0FT33570147//	AD	DJ		C	Resistor(RSPF12TS 680 K OHMJ (1RL=2000))	[R1] 電力形被膜抵抗器
106	0FT33530617//	AD	DJ		C	Resistor(RSPF2B 220K OHMJ)	[R2] 電力形被膜抵抗器
108	0FT23563138//	AD	DJ		C	Resistor(RSMF1SL 100K OHMJ)	[R4] 酸化金属被膜抵抗器
109	0FT23563138//	AD	DJ		C	Resistor(RSMF1SL 100K OHMJ)	[R5] 酸化金属被膜抵抗器
110	0FT23538974//	AD	DJ		C	Resistor(RK73K2ATD 2.7K OHMJ(1RL=5000))	[R7] ﾁｯﾌﾟ抵抗器
111	0FT23462269//	AD	DJ		C	Resistor(RK73K2ATD 10K OHMJ(1RL=5000))	[R8] ﾁｯﾌﾟ抵抗器
112	0FT23414892//	AF	DS		C	Resistor(RDF14 TS 820 OHMJ)	[R9] ｶｰﾎﾞﾝ抵抗器
113	0FT23563359//	AD	DJ		C	Resistor(RSMF2SL 220 OHMJ)	[R10] 酸化金属被膜抵抗器
114	0FT23562832//	AD	DJ		C	Resistor(RSMF1SL 4.7 OHMJ)	[R11] 酸化金属被膜抵抗器
115	0FT23562832//	AD	DJ		C	Resistor(RSMF1SL 4.7 OHMJ)	[R12] 酸化金属被膜抵抗器
116	0FT23562727//	AD	DJ		C	Resistor(RSMF12SL 100K OHMJ)	[R13] 酸化金属被膜抵抗器
117	0FT23562727//	AD	DJ		C	Resistor(RSMF12SL 100K OHMJ)	[R14] 酸化金属被膜抵抗器
118	0FT23624293//	AD	DJ		C	Resistor(RK73K2ATD 27K OHMJ(1RL=5000))	[R16] ﾁｯﾌﾟ抵抗器
119	0FT23462269//	AD	DJ		C	Resistor(RK73K2ATD 10K OHMJ(1RL=5000))	[R17] ﾁｯﾌﾟ抵抗器
120	0FT23728161//	AD	DJ		C	Resistor(RSMF12TS 22 OHMJ)	[R18] 酸化金属被膜抵抗器
121	0FT23563324//	AC	DJ		C	Resistor(RSMF2SL 100 OHMJ)	[R19] 酸化金属被膜抵抗器
122	0FT23562379//	AD	DJ		C	Resistor(RSMF12SL 1 OHMJ)	[R20] 酸化金属被膜抵抗器
123	0FT23557111//	AD	DJ		C	Resistor(RK73K2ATD 220 OHMJ(1RL=5000))	[R21] ﾁｯﾌﾟ抵抗器
124	0FT23536106//	AD	DJ		C	Resistor(RK73K2ATD 1.5K OHMJ(1RL=5000))	[R22] ﾁｯﾌﾟ抵抗器
125	0FT23538982//	AD	DJ		C	Resistor(RK73K2ATD 47 OHMJ(1RL=5000))	[R23] ﾁｯﾌﾟ抵抗器
126	0FT33570198//	AF	DS		C	Resistor(RSPF1B 330 K OHMJ ｽﾄﾚｰﾄ)	[R24] 電力形被膜抵抗器
127	0FT33570198//	AF	DS		C	Resistor(RSPF1B 330 K OHMJ ｽﾄﾚｰﾄ)	[R25] 電力形被膜抵抗器
128	0FT23462234//	AD	DJ		C	Resistor(RK73K2ATD 1K OHMJ(1RL=5000))	[R30] ﾁｯﾌﾟ抵抗器
129	0FT23462293//	AD	DJ		C	Resistor(RK73K2ATD 560 OHMJ(1RL=5000))	[R31] ﾁｯﾌﾟ抵抗器
130	0FT23690482//	AD	DJ		C	Resistor(RSMF12TS 10 OHMJ)	[R32] 酸化金属被膜抵抗器
131	0FT23663914//	AD	DJ		C	Resistor(RK73K2ATD 5.1KΩJ)	[R33] ﾁｯﾌﾟ抵抗器
132	0FT23462226//	AD	DJ		C	Resistor(RK73K2ATD 470 OHMJ(1RL=5000))	[R34] ﾁｯﾌﾟ抵抗器
133	0FT23462234//	AD	DJ		C	Resistor(RK73K2ATD 1K OHMJ (1RL=5000))	[R35] ﾁｯﾌﾟ抵抗器
134	0FT23625591//	AD	DJ		C	Resistor(RK73K2ATD 1.8K OHMJ (1RL=5000))	[R36] ﾁｯﾌﾟ抵抗器
135	0FT23538923//	AD	DJ		C	Resistor(RK73K2ATD 3.9K OHMJ (1RL=5000))	[R37] ﾁｯﾌﾟ抵抗器
136	0FT23462250//	AD	DJ		C	Resistor(RK73K2ATD 2.2K OHMJ (1RL=5000))	[R38] ﾁｯﾌﾟ抵抗器
137	0FT23462250//	AD	DJ		C	Resistor(RK73K2ATD 2.2K OHMJ (1RL=5000))	[R39] ﾁｯﾌﾟ抵抗器
138	0FT23625591//	AD	DJ		C	Resistor(RK73K2ATD 1.8K OHMJ (1RL=5000&)	[R40] ﾁｯﾌﾟ抵抗器
139	0FT23462234//	AD	DJ		C	Resistor(RK73K2ATD 1K OHMJ (1RL=5000))	[R41] ﾁｯﾌﾟ抵抗器
140	0FT23463362//	AD	DJ		C	Resistor(RK73K2ATD 180 OHMJ (1RL=5000))	[R42] ﾁｯﾌﾟ抵抗器
141	0FT23578194//	AD	DJ		C	Resistor(RK73K2ATD 22 OHMJ (1RL=5000))	[R43] ﾁｯﾌﾟ抵抗器
142	0FT23462234//	AD	DJ		C	Resistor(RK73K2ATD 1K OHMJ (1RL=5000))	[R44] ﾁｯﾌﾟ抵抗器
143	0FT23415740//	AF	DS		C	Resistor(RDMF14 TS 15K OHMJ)	[R45] ｶｰﾎﾞﾝ抵抗器
144	0FT23538850//	AD	DJ		C	Resistor(RK73K2ATD 4.7K OHMJ(1RL=5000))	[R46] ﾁｯﾌﾟ抵抗器
145	0FT23462269//	AD	DJ		C	Resistor(RK73K2ATD 10K OHMJ (1RL=5000))	[R48] ﾁｯﾌﾟ抵抗器
146	0FT23415651//	AF	DS		C	Resistor(RDMF14 TS 4.7K OHMJ)	[R49] ｶｰﾎﾞﾝ抵抗器
147	0FT23752267//	AD	DJ		C	Resistor(RSMF12TS 2.2 OHMJ)	[R50] 酸化金属被膜抵抗器
148	0FT23546047//	AD	DJ		C	Resistor(RK73K2ATD 100K OHMJ(1RL=5000))	[R63] ﾁｯﾌﾟ抵抗器
149	0FT23462226//	AD	DJ		C	Resistor(RK73K2ATD 470 OHMJ(1RL=5000))	[R65] ﾁｯﾌﾟ抵抗器
150	0FT23462250//	AD	DJ		C	Resistor(RK73K2ATD 2.2K OHMJ (1RL=5000))	[R66] ﾁｯﾌﾟ抵抗器
151	0FT23538850//	AD	DJ		C	Resistor(RK73K2ATD 4.7K OHMJ (1RL=5000))	[R67] ﾁｯﾌﾟ抵抗器
152	0FT23462250//	AD	DJ		C	Resistor(RK73K2ATD 2.2K OHMJ (1RL=5000))	[R68] ﾁｯﾌﾟ抵抗器
153	0FT23538885//	AD	DJ		C	Resistor(RK73K2ATD 100 OHMJ (1RL=5000))	[R69] ﾁｯﾌﾟ抵抗器
154	0FT23538915//	AD	DJ		C	Resistor(RK73K2ATD 5.6K OHMJ (1RL=5000))	[R71] ﾁｯﾌﾟ抵抗器
155	0FT23415430//	AF	DS		C	Resistor(RDMF14 TS 100 OHMJ)	[R82] ｶｰﾎﾞﾝ抵抗器
156	0FT23562379//	AD	DJ		C	Resistor(RSMF12SL 1 OHMJ)	[R83] 酸化金属被膜抵抗器
157	0FT23484661//	AD	DJ		C	Resistor(RSMF12TS 0.22 OHMJ)	[R84] 酸化金属被膜抵抗器
158	0FT33005385//	AD	DJ		C	Resistor(RSMF12TS 4.7K OHMJ)	[R87] 酸化金属被膜抵抗器
159	0FT23415600//	AF	DS		C	Resistor(RDMF14 TS 1.8K OHMJ)	[R89] ｶｰﾎﾞﾝ抵抗器
160	0FT33008015//	AW	FG		B	Rectifier(D2SB60)	[RC1] 整流器
161	0FT23736903//	AX	FG		B	Rectifier(SF10SC4)	[RC2] 整流器
162	0FT33638361//	BC	GJ		B	Relay(G2R-1A-E-TV8-ASI DC12V)	[RL1] ﾘﾚｰ
163	0FT33638361//	BC	GJ		B	Relay(G2R-1A-E-TV8-ASI DC12V)	[RL2] ﾘﾚｰ
164	0FT33568266//	BA	FX		B	Relay(SDT-S-112LMR)	[RL3] ﾘﾚｰ
165	0FT23644634//	AK	DX		B	Variable resistor(EVM-4LGA00B13)	[RV1] 可変抵抗器
⚠ 166	0FT33684193//	BF	GN		B	Transformer(CXM41100-507)	[T1] 変圧器

10 FAX AC 電源基板 (FAX AC power supply unit)…200V series

	NO.	PARTS CODE	PRICE RANK Ex.	PRICE RANK Ja.	NEW MARK	PART RANK	DESCRIPTION
⚠	167	0FT35866337//	BF	GN		B	Transformer(EXT43441-009A) [T2] 変圧器
	168	0FT33673027//	AU	EZ		B	Thermister(SCK-104) [TH1] ｻｰﾐｽﾀ
	169	0FT23671666//	AU	EZ		B	IC(UPC78M12AHF) [Z1] IC
	170	0FT23665429//	AU	EZ		B	IC(UPC78M24AHF) [Z2] IC
	171	0FT33603762//	BB	GD		B	IC(PQ12RF1) [Z3] IC
	172	0FT33331673//	AZ	FQ		B	Regurator(UPC29M33HF) [Z4] IC ﾚｷﾞｭﾚｰﾀ
	173	0FT23314081//	AU	EZ		B	IC(UPC393C) [Z6] IC
	174	0FT23379450//	AU	EZ		B	IC(AN1431T-TA) [Z7] IC
	175	0FT23379450//	AU	EZ		B	IC(AN1431T-TA) [Z8] IC
	176	0FT23432963//	AC	DJ		C	Screw(M3X10 S NP3 W.SW) [6] 小ﾜｯｼｬ W ｾﾑｽﾈｼﾞ
	178	0FT33461429//	AU	EZ		C	Angle(TC-92 30X36X1T) [1] 金具
	179	0FT33461437//	BA	FX		C	Fin(AL1 30X30X1.5T) [2] ﾌｨﾝ
	180	0FT33525117//	AP	EQ		C	Label(1RL 2000MAI) [7] ﾗﾍﾞﾙ
	181	0FT33693842//	BA	FX		C	Fin(AL1 70X30X1.5T) [3] ﾌｨﾝ
	182	0FT33213581//	AP	EQ		C	Fin(ST-S 20G PT1 15×35×10) [8] ﾌｨﾝ
	183	0FT33676877//	AU	EZ		C	Terminal(C1100R-1/4H SNPB14.7X6.8) [9] FG 端子
	184	0FT23423816//	AC	DJ		C	Screw(M3X8 S NP3 W・SW) [10] 小ﾜｯｼｬ W ｾﾑｽﾈｼﾞ
	185	0FT33730969//	AZ	FQ		B	Arrestor(RA-102M-C6-Y) [SQ1,SQ2] ｱﾚｽﾀ
		(Unit)					
⚠	901	RDENC0031FCZZ	CA	TV		E	FAX AC power supply unit [200V serise] FAX AC 電源ﾕﾆｯﾄ

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PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
【C】						
CPLTM5788FCE9	1-501	BR	LX	N	E	
CPLTM5788FCF0	1-501	BR	LX	N	E	
CPLTM5788FCF2	1-501	CB	TX	N	E	
CPWBN1619FCE1	1- 34	BQ	LP	N	E	
〃	3-901	BQ	LP	N	E	
CPWBN1619FCE2	1- 34	BM	HV	N	E	
〃	4-901	BM	HV	N	E	
CPWBN1620FCE1	1- 34	BQ	LP	N	E	
〃	5-901	BQ	LP	N	E	
CPWBX1618FCE1	1- 36	CC	TZ	N	E	
〃	7-901	CC	TZ	N	E	
CPWBX1640FCE1	2- 7	BL	HL	N	E	
〃	8-901	BL	HL	N	E	
【D】						
DHAi-3027FCAZ	2- 10	BF	GN		C	
DHAi-3204FC11	1- 26	AM	EG		C	
DHAi-3206FC11	1- 39	AG	DX		C	
DHAi-3207FC11	1- 25	AG	DX		C	
DHAi-3297FCZZ	1- 5	AP	EQ		C	
DHAi-3298FCZZ	1- 5	AP	EQ		C	
DHAi-3418FCZZ	1- 5	AR	EQ		C	
DHAi-3444FCZZ	1- 26	AN	EQ		C	
DHAi-3446FCAZ	2- 10	BA	FX		C	
DUNT-7136FCA1	1- 31	AN	EQ		E	
【G】						
GCAB-0946FCZ2	1- 27	AZ	FQ		D	
GCAB-0946FCZ3	1- 27	AZ	FQ		D	
GCAB-0947FCZZ	1- 2	AT	EZ		D	
【L】						
LBSHZ1001ACZZ	1- 12	AB	DD		C	
LBSHZ2050SCZZ	1- 16	AB	DD		C	
LFiX-0560FCZZ	1- 23	AF	DS		C	
LFiX-0567FCZZ	1- 4	AD	DJ		C	
LHLDW1499FCZZ	1- 19	AC	DJ		C	
LHLDW2087SCZZ	1- 41	AA	DD		C	
LHLDZ1493FCZZ	1- 6	AF	DS		C	
LHLDZ1494FCZZ	1- 3	AF	DS		C	
LPLTM5787FCZZ	1- 35	AQ	EQ		C	
LPLTM5788FCZZ	1- 14	AP	EQ		C	
LPLTM5789FCZZ	1- 30	AF	DS		C	
LPLTM5892FCZZ	1- 22	AD	DJ		C	
LPLTM5893FCZZ	1- 28	AQ	EQ		C	
LSUPP0076FCZZ	1- 20	AA	DD		C	
LSUPP0118FCZZ	1- 18	AB	DJ		C	
LX-BZ0140FCZZ	2- 15	AB	DD		C	
LX-BZ0938FCZZ	1- 43	AC	DD		C	
LX-WZ0443FCZZ	1- 45	AB	DD		C	
【P】						
PCOVP1564FCZZ	1- 1	AF	DS		C	
PSHEZ4879FCZZ	1- 33	AH	DX		C	
PSHEZ4933FCZZ	1- 24	AD	DJ		C	
【Q】						
QCNCM1069ACZZ	7- 1	AD	DD		C	
QCNCM1156FCZZ	3- 1	AD	DJ		C	
QCNCM7014SC0B	7- 2	AD	DJ		C	
QCNCM7014SC0C	7- 3	AA	DD		C	
QCNCW1155FCZZ	3- 2	AE	DJ		C	
〃	4- 1	AE	DJ		C	
〃	5- 1	AE	DJ		C	
〃	6- 1	AE	DJ		C	
〃	7- 4	AE	DJ		C	
QCNCW1180FCZZ	8- 1	AN	EG		C	
QCNW-0178FCZZ	2- 9	BA	FX		C	
QCNW-0210FCZZ	1- 37	AE	DJ		C	
QCNW-7252HSZZ	2- 10				C	
QCNW-7253HSZZ	2- 10				C	
QCNW-7254HSZZ	2- 10				C	
QJAKT0001FCZZ	3- 3	AD	DJ		C	
〃	4- 2	AD	DJ		C	
〃	5- 2	AD	DJ		C	
〃	6- 2	AD	DJ		C	
QJAKT0002FCZZ	3- 4	AE	DJ		C	
〃	4- 3	AE	DJ		C	
QJAKT0004QSZZ	5- 3	AE	DJ		C	
〃	6- 3	AE	DJ		C	
QSOCD0081FCZZ	3- 5	AL	EB		C	
QSOCN0082FCZZ	7- 6	AP	EQ		C	
〃	8- 2	AP	EQ		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
QSOCZ0092FCZZ	8- 3	AR	EQ		C	
QSOCZ0094FCPZ	7- 7	AL	EG		C	
QSW-C9295QCZZ	1- 15	AL	EB		B	
【R】						
RADPA0001QSZZ	2- 19	AQ	EQ		B	
RADPA0002TSZZ	2- 19				B	
RC-EZ0362FCPZ	3- 18	AC	DD	N	C	
〃	4- 16	AC	DD	N	C	
〃	5- 4	AC	DD	N	C	
〃	6- 4	AC	DD	N	C	
RC-EZ0363FCPZ	3- 19	AC	DD	N	C	
〃	4- 17	AC	DD	N	C	
RC-EZ0365FCPZ	3- 20	AB	DD	N	C	
〃	4- 18	AB	DD	N	C	
〃	5- 6	AB	DD	N	C	
〃	6- 6	AB	DD	N	C	
RC-EZ0366FCPZ	3- 21	AB	DD	N	C	
〃	4- 19	AB	DD	N	C	
〃	5- 7	AB	DD	N	C	
〃	6- 7	AB	DD	N	C	
RC-EZ0369FCPZ	3- 23	AB	DD	N	C	
〃	4- 20	AB	DD	N	C	
〃	5- 10	AB	DD	N	C	
〃	6- 10	AB	DD	N	C	
RCiLZ0008QSZZ	5- 13	AD	DJ		C	
〃	6- 12	AD	DJ		C	
RCiLZ0009QSZZ	5- 14	AF	DS		C	
RCiLZ0089FCZZ	3- 6	AG	DX		C	
〃	4- 4	AG	DX		C	
〃	5- 15	AG	DX		C	
〃	6- 13	AG	DX		C	
RC-KZ0008QCZZ	3- 7	AB	DD		C	
〃	4- 5	AB	DD		C	
〃	5- 11	AB	DD		C	
〃	6- 11	AB	DD		C	
〃	7- 9	AB	DD		C	
〃	8- 4	AB	DD		C	
RC-KZ102BRC2H	4- 6	AC	DD		C	
RCORF0046FCZZ	2- 17	AH	DX		C	
RCORF1072ACZZ	7- 10	AB	DJ		C	
RCRSP0069FCZZ	7- 11	AG	DS		B	
RDENC0004FCZ1	1- 11	BZ	TR		E	
〃	9-901	BZ	TR		E	
RDENC0031FCZZ	10-901	CA	TV		E	
〃	1- 11	CA	TV		E	
RFiLN0047FCZZ	3- 8	AC	DJ		C	
〃	4- 7	AC	DJ		C	
〃	7- 14	AC	DJ		C	
RFiLN2011SCZZ	3- 9	AC	DJ		C	
〃	4- 8	AC	DJ		C	
〃	5- 16	AC	DJ		C	
〃	6- 14	AC	DJ		C	
RFiLZ1042LCZZ	7- 15	AC	DJ		C	
RMPTR4470ACZZ	7- 16	AB	DD		B	
RRLYD1211QCZZ	3- 10	AH	DX		B	
〃	4- 9	AH	DX		B	
RRLYD3211QCZZ	3- 11	AM	EG		B	
RRLYZ2413QCZZ	5- 17	AX	FG		B	
〃	6- 15	AX	FG		B	
RR-WZ0418FCZZ	3- 13	AF	DS		B	
〃	4- 11	AF	DS		B	
RTRNi2142SCZZ	5- 18	AN	EQ		B	
〃	6- 16	AN	EQ		B	
RTRNP0534FCZZ	3- 14	AT	EZ		B	
RTRNP2105SCZZ	3- 15	AP	EQ		B	
RTRNZ0008QSZZ	4- 12	AT	EZ		B	
RTRNZ0009QSZZ	4- 13	AQ	EQ		B	
RTRNZ2140SCZZ	5- 19	AN	EQ		B	
〃	6- 17	AN	EQ		B	
【S】						
SPAK-546ECCZZ	2- 16	AB	DD		D	
〃	2- 8	AB	DD		D	
SPAKA5824FCZZ	2- 12	AF	DS		D	
SPAKA6150FCZZ	2- 1	AP	EQ		D	
SPAKA6151FCZZ	2- 3	AK	EB		D	
SSAKA0006UCZZ	2- 11	AA	DD		D	
SSAKA3001CCZZ	2- 18	AA	DD		D	
SSAKA3640QCZZ	2- 2	AB	DD		D	
【T】						
TCADZ1696FCZZ	2- 4	AH	DX	N	D	
TCADZ1697FCZZ	2- 4	AK	EB	N	D	

PARTS CODE	NO.	PRICE R. Ex.	PRICE R. Ja.	NEW	P/R	
TiNSE2786FCZZ	2- 5	BD	GN	N	D	
TiNSE2787GHZZ	2- 5			N	D	
TiNSE2791FCZZ	2- 5	BE	GN	N	D	
TiNSF2789GHZZ	2- 5			N	D	
TiNSG2788GHZZ	2- 5			N	D	
TiNSJ2785FCZZ	2- 5	BD	GJ	N	D	
TiNSW2790GHZZ	2- 5			N	D	
【V】						
VCCCCZ1EH151J	7- 17	AA	DD		C	
VCCCCZ1EH221J	3- 16	AB	DD		C	
〃	4- 14	AB	DD		C	
〃	5- 20	AB	DD		C	
〃	6- 18	AB	DD		C	
VCCCCZ1HH100D	7- 18	AA	DD		C	
VCCCCZ1HH101J	3- 17	AA	DD		C	
〃	4- 15	AA	DD		C	
〃	7- 19	AA	DD		C	
VCEASM1CM106M	7- 20	AB	DD		C	
〃	8- 5	AB	DD		C	
VCEASM1EM107M	7- 21	AD	DJ	N	C	
VCFYDA1HA104J	7- 24	AC	DD		C	
VCFYDA1HA105J	3- 25	AE	DJ		C	
〃	7- 25	AE	DJ		C	
VCFYDA1HA334J	6- 19	AC	DJ		C	
VCFYDA1HA474J	5- 21	AD	DJ		C	
VCFYJU2AA824K	3- 26	AF	DS		C	
VCFYJU2EA105K	3- 27	AE	DS		C	
〃	4- 21	AE	DS		C	
〃	5- 22	AE	DS		C	
VCFYJU2EA474K	6- 20	AD	DJ		C	
VCFYJU2EA824K	5- 23	AE	DJ		C	
〃	6- 21	AE	DJ		C	
VCFYJU2GA473K	3- 28	AC	DD		C	
VCKYCZ1AB104K	5- 24	AC	DD		C	
〃	6- 22	AC	DD		C	
VCKYCZ1AB273K	5- 25	AB	DD		C	
VCKYCZ1AB333K	3- 29	AB	DD		C	
VCKYCZ1AB473K	5- 26	AB	DD		C	
〃	6- 23	AB	DD		C	
VCKYCZ1AB683K	4- 22	AB	DD		C	
〃	5- 27	AB	DD		C	
〃	6- 24	AB	DD		C	
VCKYCZ1AF224Z	7- 26	AC	DD		C	
VCKYCZ1CB103K	7- 27	AA	DD		C	
VCKYCZ1CF104Z	5- 28	AB	DD		C	
〃	6- 25	AB	DD		C	
〃	7- 28	AB	DD		C	
〃	8- 6	AB	DD		C	
VCKYCZ1EB472K	7- 29	AA	DD		C	
VCKYCZ1HB102K	3- 30	AA	DD		C	
〃	4- 23	AA	DD		C	
〃	7- 30	AA	DD		C	
VCKYCZ1HB182K	5- 29	AA	DD		C	
VCKYCZ1HB222K	3- 31	AA	DD		C	
〃	7- 31	AA	DD		C	
VCKYCZ1HB331K	5- 30	AA	DD		C	
〃	6- 26	AA	DD		C	
VCKYCZ1HB332K	5- 31	AA	DD		C	
〃	6- 27	AA	DD		C	
VCKYCZ1HB471K	3- 32	AA	DD		C	
〃	4- 24	AA	DD		C	
〃	6- 28	AA	DD		C	
〃	7- 32	AA	DD		C	
VCKYCZ1HB681K	6- 29	AA	DD		C	
〃	7- 33	AA	DD		C	
VCKYCZ1HB821K	5- 32	AC	DD		C	
VCQYNA1HM223K	3- 33	AA	DD		C	
VHD10DDA40+-1	3- 34	AB	DJ		B	
〃	4- 25	AB	DJ		B	
VHD1SS133//-1	3- 35	AA	DD		B	
〃	4- 26	AA	DD		B	
〃	5- 34	AA	DD		B	
〃	6- 31	AA	DD		B	
VHD1SS355//-1	5- 35	AB	DJ		B	
〃	6- 32	AB	DJ		B	
〃	7- 34	AB	DJ		B	
VHDRB751V40-1	3- 36	AD	DJ		B	
〃	7- 35	AD	DJ		B	
VHDS1ZB60//-1	3- 37	AC	DJ		B	
〃	4- 27	AC	DJ		B	
〃	5- 33	AC	DJ		B	

PARTS CODE	NO.	PRICE R. Ex.	PRICE R. Ja.	NEW	P/R	
VHDS1ZB60//-1	6- 30	AC	DJ		B	
VHEHZS2C1//-1	3- 38	AB	DJ		B	
〃	4- 28	AB	DJ		B	
〃	5- 36	AB	DJ		B	
〃	6- 33	AB	DJ		B	
VHEMTZJ30B/-1	5- 37	AB	DJ		B	
〃	6- 34	AB	DJ		B	
VHEMTZJ33B+-1	3- 39	AC	DJ		B	
〃	4- 29	AC	DJ		B	
VHEMTZJ39B/-1	3- 40	AC	DJ		B	
〃	5- 38	AC	DJ		B	
〃	6- 35	AC	DJ		B	
VHEMTZJ4R7B-1	3- 41	AC	DJ		B	
〃	4- 30	AC	DJ		B	
〃	5- 39	AC	DJ		B	
〃	6- 36	AC	DJ		B	
VHEMTZJ6R8B-1	5- 40	AC	DJ		B	
〃	6- 37	AC	DJ		B	
VHEMTZJ8.2B-1	3- 42	AB	DJ		B	
〃	4- 31	AB	DJ		B	
VHi28F082L27F	1- 38	BA	FX	N	B	
VHi28F082L28F	1- 38	BA	FX	N	B	
VHi28F082L31F	1- 38	BA	FX	N	B	
VHi28F082L32F	1- 38	AY	FQ	N	B	
VHi74LCX04FT1	7- 38	AE	DS		B	
VHi74LCX74T-1	7- 44	AG	DS		B	
VHiBU4066BCF1	3- 43	AD	DJ		B	
〃	4- 32	AD	DJ		B	
〃	5- 41	AD	DJ		B	
〃	6- 38	AD	DJ		B	
VHiCAT24W02-1	7- 41	AG	DS		B	
VHiLHF80J01-1	8- 7	AX	FG		B	
VHiLM1117M3-1	7- 45	AH	DX		B	
VHiMAX3225E-1	7- 46	AT	EZ		B	
〃	8- 8	AT	EZ		B	
VHiN195006E-1	7- 48	BK	HC		B	
VHiNJM2113M-1	7- 49	AG	DS		B	
VHiNJM3414M-1	5- 42	AF	DX		B	
〃	6- 39	AF	DX		B	
VHiNJM4558MF1	3- 44	AE	DJ		B	
〃	4- 33	AE	DJ		B	
〃	5- 43	AE	DJ		B	
〃	6- 40	AE	DJ		B	
〃	7- 50	AE	DJ		B	
VHiNJM78L05A1	7- 51	AD	DJ		B	
VHiPST591CMT1	7- 53	AE	DS		B	
VHiSD4M16L1-1	7- 54	AZ	FX		B	
VHiSH770910-1	7- 55	BH	GX		B	
VHiT4052BFF-1	7- 43	AG	DX	N	B	
VHiTD62503F/-	7- 57	AG	DX		B	
VHiTHS56F//-1	3- 45	AS	EZ		B	
〃	5- 44	AS	EZ		B	
〃	6- 41	AS	EZ		B	
VHiUPD659461C	7- 60	BA	FX		B	
VHPPC814X1+-1	3- 46	AD	DJ		B	
〃	4- 34	AD	DJ		B	
VHPSLR322VC3F	7- 61	AC	DJ		B	
VHPTLP621-1GB	5- 45	AF	DX		B	
〃	6- 42	AF	DX		B	
VHPTLP627//-1	5- 46	AH	EB		B	
〃	6- 43	AH	EB		B	
VHVDSS301L/-1	5- 48	AF	DS		B	
〃	6- 45	AF	DS		B	
VHVDSS-401M//	3- 48	AH	DX		B	
〃	4- 36	AH	DX		B	
〃	5- 47	AH	DX		B	
〃	6- 44	AH	DX		B	
VHViCPS1.2/-1	8- 9	AF	DS		B	
VHVTNR5V101K/	3- 49	AD	DJ		B	
〃	4- 37	AD	DJ		B	
〃	5- 49	AD	DJ		B	
VHVTNR5V471K/	3- 50	AD	DJ		B	
〃	4- 38	AD	DJ		B	
VRD-HT2EY100J	3- 51	AA	DD		C	
〃	4- 39	AA	DD		C	
〃	5- 50	AA	DD		C	
〃	6- 47	AA	DD		C	
VRD-HT2EY103J	5- 51	AA	DD		C	
〃	6- 48	AA	DD		C	
VRD-HT2EY104J	3- 52	AA	DD		C	
〃	4- 40	AA	DD		C	

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		Ex.	Ja.			
VRD-HT2EY113J	5- 52	AA	DD		C	
VRD-HT2EY120J	5- 53	AA	DD		C	
VRD-HT2EY123J	5- 54	AA	DD		C	
VRD-HT2EY124J	3- 53	AA	DD		C	
〃	4- 41	AA	DD		C	
VRD-HT2EY150J	5- 55	AA	DD		C	
〃	6- 49	AA	DD		C	
VRD-HT2EY163J	6- 50	AA	DD		C	
VRD-HT2EY181J	5- 56	AA	DD		C	
〃	6- 51	AA	DD		C	
VRD-HT2EY183J	3- 54	AA	DD		C	
〃	4- 42	AA	DD		C	
VRD-HT2EY202J	4- 43	AA	DD		C	
VRD-HT2EY224J	3- 55	AA	DD		C	
〃	4- 44	AA	DD		C	
VRD-HT2EY300J	3- 56	AA	DD		C	
〃	4- 45	AA	DD		C	
VRD-HT2EY301J	6- 52	AA	DD		C	
VRD-HT2EY302J	4- 46	AA	DD		C	
VRD-HT2EY303J	3- 57	AA	DD		C	
〃	4- 47	AA	DD		C	
VRD-HT2EY332J	5- 57	AA	DD		C	
〃	6- 53	AA	DD		C	
VRD-HT2EY471J	5- 58	AA	DD		C	
VRD-HT2EY472J	3- 58	AA	DD		C	
VRD-HT2EY474J	5- 59	AA	DD		C	
VRD-HT2EY513J	4- 48	AA	DD		C	
〃	5- 60	AA	DD		C	
〃	6- 54	AA	DD		C	
VRD-HT2EY751J	7- 62	AA	DD		C	
VRD-HT2EY910J	3- 59	AA	DD		C	
〃	4- 49	AA	DD		C	
VRS-CZ1JD000J	3- 60	AA	DD		C	
〃	4- 50	AA	DD		C	
〃	5- 61	AA	DD		C	
〃	6- 55	AA	DD		C	
〃	7- 63	AA	DD		C	
〃	8- 10	AA	DD		C	
VRS-CZ1JD101J	7- 64	AA	DD		C	
〃	8- 11	AA	DD		C	
VRS-CZ1JD102J	3- 61	AA	DD		C	
〃	4- 51	AA	DD		C	
〃	7- 65	AA	DD		C	
VRS-CZ1JD103J	3- 62	AA	DD		C	
〃	4- 52	AA	DD		C	
〃	5- 62	AA	DD		C	
〃	6- 56	AA	DD		C	
〃	7- 66	AA	DD		C	
VRS-CZ1JD104J	3- 63	AA	DD		C	
〃	5- 63	AA	DD		C	
〃	6- 57	AA	DD		C	
〃	7- 67	AA	DD		C	
VRS-CZ1JD112J	6- 58	AA	DD		C	
VRS-CZ1JD113F	3- 64	AA	DD		C	
〃	4- 53	AA	DD		C	
VRS-CZ1JD113J	3- 65	AA	DD		C	
〃	4- 54	AA	DD		C	
〃	5- 64	AA	DD		C	
〃	6- 59	AA	DD		C	
VRS-CZ1JD122J	3- 66	AA	DD		C	
〃	7- 68	AA	DD		C	
VRS-CZ1JD123J	7- 69	AA	DD		C	
VRS-CZ1JD151J	3- 67	AA	DD		C	
VRS-CZ1JD153J	3- 68	AA	DD		C	
〃	4- 55	AA	DD		C	
〃	5- 65	AA	DD		C	
〃	6- 60	AA	DD		C	
VRS-CZ1JD154F	7- 70	AA	DD		C	
VRS-CZ1JD183J	3- 69	AA	DD		C	
〃	4- 56	AA	DD		C	
〃	7- 71	AA	DD		C	
VRS-CZ1JD203J	3- 70	AA	DD		C	
〃	5- 66	AA	DD		C	
〃	6- 61	AA	DD		C	
〃	7- 72	AA	DD		C	
VRS-CZ1JD220J	7- 73	AA	DD		C	
VRS-CZ1JD222J	3- 71	AA	DD		C	
〃	7- 74	AA	DD		C	
VRS-CZ1JD223F	3- 72	AA	DD		C	
〃	4- 57	AA	DD		C	
VRS-CZ1JD223J	3- 73	AA	DD		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
VRS-CZ1JD223J	4- 58	AA	DD		C	
〃	5- 67	AA	DD		C	
〃	6- 62	AA	DD		C	
VRS-CZ1JD243J	3- 74	AA	DD		C	
〃	5- 68	AA	DD		C	
〃	6- 63	AA	DD		C	
VRS-CZ1JD271J	3- 75	AA	DD		C	
〃	5- 69	AA	DD		C	
VRS-CZ1JD272J	3- 76	AA	DD		C	
〃	4- 59	AA	DD		C	
〃	7- 75	AA	DD		C	
VRS-CZ1JD273J	3- 77	AA	DD		C	
〃	4- 60	AA	DD		C	
〃	5- 70	AA	DD		C	
〃	7- 76	AA	DD		C	
VRS-CZ1JD301J	5- 71	AA	DD		C	
VRS-CZ1JD302J	7- 77	AA	DD		C	
VRS-CZ1JD303J	5- 72	AA	DD		C	
〃	6- 64	AA	DD		C	
VRS-CZ1JD330J	7- 78	AA	DD		C	
VRS-CZ1JD331J	3- 78	AA	DD		C	
VRS-CZ1JD332J	3- 79	AA	DD		C	
〃	4- 61	AA	DD		C	
VRS-CZ1JD333J	5- 73	AA	DD		C	
〃	6- 65	AA	DD		C	
〃	7- 79	AA	DD		C	
VRS-CZ1JD363F	7- 80	AB	DD		C	
VRS-CZ1JD363J	3- 80	AA	DD		C	
〃	5- 74	AA	DD		C	
〃	7- 81	AA	DD		C	
VRS-CZ1JD364J	4- 62	AA	DD		C	
VRS-CZ1JD392J	3- 81	AA	DD		C	
VRS-CZ1JD393J	3- 82	AA	DD		C	
〃	7- 82	AA	DD		C	
VRS-CZ1JD431J	6- 66	AF	DS		C	
VRS-CZ1JD470J	7- 83	AA	DD		C	
VRS-CZ1JD471J	6- 67	AA	DD		C	
〃	7- 84	AA	DD		C	
VRS-CZ1JD472J	3- 83	AA	DD		C	
〃	5- 75	AA	DD		C	
〃	6- 68	AA	DD		C	
〃	7- 85	AA	DD		C	
〃	8- 12	AA	DD		C	
VRS-CZ1JD473J	7- 86	AA	DD		C	
VRS-CZ1JD510J	7- 87	AA	DD		C	
VRS-CZ1JD512F	3- 84	AA	DD	N	C	
〃	4- 64	AA	DD	N	C	
VRS-CZ1JD513J	7- 88	AA	DD		C	
VRS-CZ1JD560J	7- 89	AA	DD		C	
VRS-CZ1JD561J	5- 76	AA	DD		C	
VRS-CZ1JD563F	7- 90	AA	DD		C	
VRS-CZ1JD563J	6- 69	AA	DD		C	
VRS-CZ1JD621F	3- 86	AA	DD		C	
〃	4- 66	AA	DD		C	
VRS-CZ1JD621J	4- 67	AA	DD		C	
〃	5- 77	AA	DD		C	
VRS-CZ1JD682J	7- 91	AA	DD		C	
VRS-CZ1JD683J	3- 87	AA	DD		C	
〃	7- 92	AA	DD		C	
VRS-CZ1JD821J	3- 88	AA	DD		C	
VRS-CZ1JD822J	3- 89	AA	DD		C	
VRS-CZ1JD912J	6- 70	AA	DD		C	
〃	7- 94	AA	DD		C	
VRS-CZ1JD913J	7- 95	AA	DD		C	
VRS-RA3AA153J	4- 68	AB	DD		C	
VRS-RA3AA202J	3- 90	AB	DD		C	
VRS-RA3AA472J	3- 91	AB	DD		C	
VRS-VV3LB821J	5- 80	AC	DD		C	
VS2SA1577Q/RC	7- 96	AC	DD		B	
VS2SA1807-P-1	3- 92	AE	DS		B	
〃	4- 69	AE	DS		B	
〃	5- 83	AE	DS		B	
VS2SA821S//-1	5- 84	AC	DJ		B	
VS2SC2412KS-1	3- 93	AB	DD		B	
〃	4- 70	AB	DD		B	
〃	5- 85	AB	DD		B	
〃	6- 75	AB	DD		B	
VS2SC3415-P-1	3- 94	AP	EQ		B	
〃	4- 71	AP	EQ		B	
VS2SD1266A0-1	3- 95	AF	DS		B	
〃	4- 72	AF	DS		B	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
VS2SD592A//-1	7- 97	AE	DJ		B	
VS2SD592A-S-1	3- 96	AK	DX		B	
〃	4- 73	AK	DX		B	
VSDTA114EUA-1	7- 98	AC	DJ		B	
VSDTC143ZKA-1	3- 97	AC	DJ		B	
〃	4- 74	AC	DJ		B	
〃	5- 82	AC	DJ		B	
〃	6- 74	AC	DJ		B	
VSDTC143ZUA-1	7- 99	AC	DJ		B	
【X】						
XBBS740P06000	2- 14	AA	DD	N	C	
XBPS726P08000	1- 46	AA	DD	N	C	
〃	2- 13	AA	DD	N	C	
XEBS730P10000	1- 8	AC	DD	N	C	
XEBS730P12000	1- 7	AC	DD	N	C	
XHBS730P06000	1- 13	AC	DD	N	C	
XHBS740P06000	1- 32	AA	DD	N	C	
【0】						
0FT14365100//	10- 58	AK	DX		B	
0FT23040224//	9- 1	AD	DJ		C	
0FT23042251//	9- 2	AP	EQ		C	
0FT23075095//	10- 45	AP	EQ		C	
〃	9- 3	AP	EQ		C	
0FT23095657//	10-103	AF	DS		B	
〃	10-104	AF	DS		B	
〃	10- 99	AF	DS		B	
〃	9- 96	AF	DS		B	
〃	9- 97	AF	DS		B	
〃	9- 98	AF	DS		B	
〃	9- 99	AF	DS		B	
0FT23124819//	9-100	AK	DX		C	
0FT23124827//	9-101	AF	DS		C	
0FT23194310//	9- 4	AU	EZ		B	
0FT23204782//	9-102	AP	EQ		C	
0FT23204790//	9-103	AP	EQ		C	
〃	9-104	AP	EQ		C	
0FT23241823//	10- 66	AP	EQ		B	
〃	9-105	AP	EQ		B	
0FT23259382//	9-106	AP	EQ		C	
0FT23259420//	9-107	AP	EQ		C	
0FT23259447//	9-108	AK	DX		C	
0FT23259498//	9-109	AK	DX		C	
〃	9-110	AK	DX		C	
〃	9-111	AK	DX		C	
0FT23287629//	10-102	AK	DX		B	
〃	9-112	AK	DX		B	
0FT23287637//	10-101	AP	EQ		B	
〃	9-113	AP	EQ		B	
0FT23287696//	10-100	AP	EQ		B	
〃	9-114	AP	EQ		B	
0FT23287823//	9-115	AK	DX		C	
0FT23314081//	10-173	AU	EZ		B	
〃	9- 5	AU	EZ		B	
0FT23319431//	10- 81	AF	DS		B	
〃	10- 82	AF	DS		B	
〃	9-116	AF	DS		B	
〃	9-117	AF	DS		B	
0FT23326101//	9-118	AU	EZ		C	
0FT23329089//	9-119	AK	DX		C	
〃	9-120	AK	DX		C	
0FT23355772//	10- 84	AF	DS		B	
0FT23379450//	10-174	AU	EZ		B	
〃	10-175	AU	EZ		B	
〃	9-121	AU	EZ		B	
〃	9-122	AU	EZ		B	
0FT23394395//	9-123	AU	EZ		C	
0FT23414892//	10-112	AF	DS		C	
〃	9-124	AF	DS		C	
0FT23415341//	9-125	AF	DS		C	
0FT23415430//	10-155	AF	DS		C	
〃	9-126	AF	DS		C	
0FT23415570//	10- 3	AF	DS		C	
〃	10- 5	AF	DS		C	
〃	10- 6	AF	DS		C	
〃	9-127	AF	DS		C	
〃	9-128	AF	DS		C	
〃	9-129	AF	DS		C	
0FT23415600//	10-159	AF	DS		C	
〃	9-130	AF	DS		C	
0FT23415643//	9-131	AF	DS		C	
0FT23415651//	10-146	AF	DS		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
0FT23415651//	9-132	AF	DS		C	
0FT23415716//	9-133	AF	DS		C	
0FT23415740//	10-143	AF	DS		C	
〃	9-134	AF	DS		C	
0FT23415899//	9-135	AF	DS		C	
0FT23423816//	10-184	AC	DJ		C	
〃	9- 7	AC	DJ		C	
0FT23429199//	10- 59	AK	DX		B	
〃	9-136	AK	DX		B	
0FT23432963//	10-176	AC	DJ		C	
〃	9- 8	AC	DJ		C	
0FT23462226//	10-132	AD	DJ		C	
〃	10-149	AD	DJ		C	
〃	9- 33	AD	DJ		C	
〃	9- 34	AD	DJ		C	
0FT23462234//	10-128	AD	DJ		C	
〃	10-133	AD	DJ		C	
〃	10-139	AD	DJ		C	
〃	10-142	AD	DJ		C	
〃	9- 35	AD	DJ		C	
〃	9- 36	AD	DJ		C	
〃	9- 37	AD	DJ		C	
〃	9- 38	AD	DJ		C	
0FT23462250//	10-136	AD	DJ		C	
〃	10-137	AD	DJ		C	
〃	10-150	AD	DJ		C	
〃	10-152	AD	DJ		C	
〃	9- 39	AD	DJ		C	
〃	9- 40	AD	DJ		C	
〃	9- 41	AD	DJ		C	
〃	9- 42	AD	DJ		C	
〃	9- 43	AD	DJ		C	
0FT23462269//	10-111	AD	DJ		C	
〃	10-119	AD	DJ		C	
〃	10-145	AD	DJ		C	
〃	9- 44	AD	DJ		C	
〃	9- 45	AD	DJ		C	
〃	9- 46	AD	DJ		C	
0FT23462293//	10-129	AD	DJ		C	
〃	9- 47	AD	DJ		C	
0FT23463362//	10-140	AD	DJ		C	
〃	9- 48	AD	DJ		C	
0FT23473074//	10- 98	AW	FG		B	
0FT23484661//	10-157	AD	DJ		C	
〃	9-137	AD	DJ		C	
0FT23485706//	9- 9	AK	DX		C	
0FT23486796//	9-138	AK	DX		C	
0FT23486850//	10- 18	AK	DX		C	
〃	10- 22	AK	DX		C	
〃	9-139	AK	DX		C	
〃	9-140	AK	DX		C	
0FT23536106//	10-124	AD	DJ		C	
〃	10- 4	AD	DJ		C	
〃	9- 49	AD	DJ		C	
〃	9- 50	AD	DJ		C	
〃	9- 51	AD	DJ		C	
0FT23538850//	10-144	AD	DJ		C	
〃	10-151	AD	DJ		C	
〃	9- 52	AD	DJ		C	
〃	9- 53	AD	DJ		C	
0FT23538885//	10-153	AD	DJ		C	
〃	9- 54	AD	DJ		C	
0FT23538915//	10-154	AD	DJ		C	
〃	9- 55	AD	DJ		C	
0FT23538923//	10-135	AD	DJ		C	
〃	9- 56	AD	DJ		C	
0FT23538974//	10-110	AD	DJ		C	
〃	9- 57	AD	DJ		C	
0FT23538982//	10-125	AD	DJ		C	
〃	9- 58	AD	DJ		C	
0FT23541509//	10- 56	AK	DX		B	
〃	9- 59	AK	DX		B	
0FT23543641//	10- 87	AK	DX		C	
〃	9-141	AK	DX		C	
0FT23546047//	10-148	AD	DJ		C	
〃	9- 60	AD	DJ		C	
〃	9- 61	AD	DJ		C	
0FT23549119//	10- 16	AF	DS		C	
〃	10- 19	AF	DS		C	
〃	10- 20	AF	DS		C	
〃	10- 40	AF	DS		C	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
0FT23549119//	10- 42	AF	DS		C	
〃	10- 43	AF	DS		C	
〃	9- 62	AF	DS		C	
〃	9- 63	AF	DS		C	
〃	9- 64	AF	DS		C	
〃	9- 65	AF	DS		C	
〃	9- 66	AF	DS		C	
〃	9- 67	AF	DS		C	
〃	9- 68	AF	DS		C	
0FT23551148//	10- 50	AK	DX		B	
〃	9- 69	AK	DX		B	
0FT23551377//	10- 79	AK	DX		B	
〃	9- 70	AK	DX		B	
0FT23557111//	10-123	AD	DJ		C	
〃	9- 71	AD	DJ		C	
0FT23559467//	9- 10	AR	EQ		B	
0FT23562328//	9- 11	AD	DJ		C	
0FT23562379//	10-122	AD	DJ		C	
〃	10-156	AD	DJ		C	
〃	9- 12	AD	DJ		C	
〃	9- 13	AD	DJ		C	
0FT23562549//	9- 14	AD	DJ		C	
0FT23562700//	9- 15	AD	DJ		C	
〃	9- 16	AD	DJ		C	
0FT23562727//	10-116	AD	DJ		C	
〃	10-117	AD	DJ		C	
〃	9- 17	AD	DJ		C	
0FT23562816//	9- 18	AC	DJ		C	
〃	9- 19	AC	DJ		C	
0FT23562832//	10-114	AD	DJ		C	
〃	10-115	AD	DJ		C	
0FT23562859//	9- 20	AD	DJ		C	
0FT23563103//	9- 21	AD	DJ		C	
〃	9- 22	AD	DJ		C	
0FT23563138//	10-108	AD	DJ		C	
〃	10-109	AD	DJ		C	
0FT23563324//	10-121	AC	DJ		C	
〃	9- 23	AC	DJ		C	
〃	9- 24	AC	DJ		C	
0FT23563359//	10-113	AD	DJ		C	
0FT23565505//	9- 72	AD	DJ		C	
0FT23578194//	10-141	AD	DJ		C	
〃	9- 73	AD	DJ		C	
〃	9- 74	AD	DJ		C	
0FT23581330//	10- 1	AD	DJ		C	
〃	10- 2	AD	DJ		C	
〃	10- 37	AD	DJ		C	
〃	9- 75	AD	DJ		C	
〃	9- 76	AD	DJ		C	
〃	9- 77	AD	DJ		C	
0FT23583309//	10- 69	AG	DX		B	
〃	9- 78	AG	DX		B	
0FT23598470//	10- 73	AG	DX		B	
〃	9- 79	AG	DX		B	
0FT23598977//	10- 46	AK	DX		C	
〃	9- 25	AK	DX		C	
0FT23605507//	10- 52	AK	DX		B	
〃	10- 54	AK	DX		B	
〃	10- 70	AK	DX		B	
〃	9-142	AK	DX		B	
〃	9-143	AK	DX		B	
〃	9-144	AK	DX		B	
〃	9-145	AK	DX		B	
0FT23610810//	10- 53	AK	DX		B	
〃	10- 60	AK	DX		B	
〃	10- 61	AK	DX		B	
〃	10- 62	AK	DX		B	
〃	10- 63	AK	DX		B	
〃	10- 75	AK	DX		B	
〃	9-146	AK	DX		B	
〃	9-147	AK	DX		B	
〃	9-148	AK	DX		B	
〃	9-149	AK	DX		B	
〃	9-150	AK	DX		B	
〃	9-151	AK	DX		B	
〃	9-152	AK	DX		B	
〃	9-153	AK	DX		B	
0FT23611329//	9- 26	AK	DX		C	
0FT23617904//	10- 48	AK	DX		B	
〃	10- 49	AK	DX		B	
0FT23624285//	9-154	AK	DX		B	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
0FT23624293//	10-118	AD	DJ		C	
〃	9- 80	AD	DJ		C	
0FT23625591//	10-134	AD	DJ		C	
〃	10-138	AD	DJ		C	
〃	9- 81	AD	DJ		C	
〃	9- 82	AD	DJ		C	
0FT23633012//	10- 12	AH	DX		C	
0FT23642925//	10- 90	AK	DX		B	
〃	9- 27	AK	DX		B	
0FT23644634//	10-165	AK	DX		B	
〃	9- 28	AK	DX		B	
0FT23663914//	10-131	AD	DJ		C	
〃	9- 83	AD	DJ		C	
0FT23665429//	10-170	AU	EZ		B	
〃	9- 29	AU	EZ		B	
0FT23671666//	10-169	AU	EZ		B	
〃	9- 30	AU	EZ		B	
0FT23690482//	10-130	AD	DJ		C	
〃	9-155	AD	DJ		C	
0FT23697355//	9- 31	AU	EZ		B	
0FT23728161//	10-120	AD	DJ		C	
0FT23736903//	10-161	AX	FG		B	
〃	9- 32	AX	FG		B	
0FT23752267//	10-147	AD	DJ		C	
〃	9-156	AD	DJ		C	
〃	9-157	AD	DJ		C	
0FT33005385//	10-158	AD	DJ		C	
〃	9-158	AD	DJ		C	
0FT33008015//	10-160	AW	FG		B	
〃	9-168	AW	FG		B	
0FT33035349//	10- 67	AK	DX		B	
〃	9-169	AK	DX		B	
0FT33036442//	9-159	AD	DJ		C	
0FT33045115//	10- 24	AK	DX		C	
〃	10- 41	AK	DX		C	
0FT33045131//	10- 26	AK	DX		C	
0FT33055277//	9-160	AK	DX		C	
0FT33061730//	10- 31	AF	DS		C	
0FT33061765//	10- 23	AP	EQ		C	
〃	10- 29	AP	EQ		C	
0FT33061773//	10- 27	AP	EQ		C	
0FT33061781//	10- 25	AP	EQ		C	
0FT33061811//	10- 35	AK	DX		C	
0FT33061846//	10- 21	AK	DX		C	
〃	10- 36	AK	DX		C	
〃	10- 44	AK	DX		C	
0FT33073380//	10- 34	AU	EZ		C	
0FT33085427//	9-170	AU	EZ		B	
0FT33113498//	10- 30	AK	DX		C	
0FT33122675//	10- 51	AF	DS		B	
〃	10- 55	AF	DS		B	
〃	10- 57	AF	DS		B	
〃	10- 71	AF	DS		B	
〃	10- 72	AF	DS		B	
〃	10- 74	AF	DS		B	
〃	10- 76	AF	DS		B	
〃	10- 77	AF	DS		B	
〃	10- 78	AF	DS		B	
〃	10- 80	AF	DS		B	
〃	10- 83	AF	DS		B	
〃	9- 84	AF	DS		B	
〃	9- 85	AF	DS		B	
〃	9- 86	AF	DS		B	
〃	9- 87	AF	DS		B	
〃	9- 88	AF	DS		B	
〃	9- 89	AF	DS		B	
〃	9- 90	AF	DS		B	
〃	9- 91	AF	DS		B	
〃	9- 92	AF	DS		B	
〃	9- 93	AF	DS		B	
〃	9- 94	AF	DS		B	
0FT33131461//	10- 85	AF	DS		B	
0FT33146922//	9-171	AK	DX		A	
0FT33169744//	10- 38	AP	EQ		C	
0FT33173377//	9-172	BA	FX		B	
0FT33186711//	9-161	AR	EQ		B	
0FT33189184//	10- 28	AD	DJ		C	
〃	9- 95	AD	DJ		C	
0FT33197209//	10- 96	BA	FX		B	
〃	9-173	BA	FX		B	
0FT33199031//	9-174	AW	FG		B	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			
0FT33213581//	10-182	AP	EQ		C	
〃	9-175	AP	EQ		C	
0FT33213786//	10- 8	AK	DX		C	
〃	10- 9	AK	DX		C	
〃	9-162	AK	DX		C	
〃	9-163	AK	DX		C	
0FT33258410//	10- 94	AU	EZ		B	
0FT33262132//	10- 95	AP	EQ		B	
〃	10- 97	AP	EQ		B	
〃	9-176	AP	EQ		B	
〃	9-177	AP	EQ		B	
0FT33293976//	10- 39	AF	DS		C	
〃	9-178	AF	DS		C	
0FT33295049//	10- 13	AK	DX		C	
〃	9-164	AK	DX		C	
0FT33331673//	10-172	AZ	FQ		B	
〃	9-179	AZ	FQ		B	
0FT33388799//	10- 14	AP	EQ		C	
〃	9-165	AP	EQ		C	
0FT33428332//	10- 17	AK	DX		C	
0FT33441622//	10- 10	AL	EB		C	
〃	9-180	AL	EB		C	
0FT33441630//	10- 7	AP	EQ		C	
〃	9-181	AP	EQ		C	
0FT33461429//	10-178	AU	EZ		C	
0FT33461437//	10-179	BA	FX		C	
0FT33478232//	9-182	AZ	FQ		C	
0FT33478240//	10- 11	AZ	FQ		C	
0FT33509685//	9-183	AP	EQ		C	
0FT33525117//	10-180	AP	EQ		C	
0FT33529090//	10- 88	AP	EQ		C	
〃	10- 91	AP	EQ		C	
〃	10- 92	AP	EQ		C	
〃	10- 93	AP	EQ		C	
〃	9-184	AP	EQ		C	
〃	9-185	AP	EQ		C	
〃	9-186	AP	EQ		C	
〃	9-187	AP	EQ		C	
0FT33530617//	10-106	AD	DJ		C	
0FT33552203//	9-166	AD	DJ		C	
0FT33568266//	10-164	BA	FX		B	
〃	9-188	BA	FX		B	
0FT33570120//	9-167	AD	DJ		C	
0FT33570147//	10-105	AD	DJ		C	
0FT33570163//	9-189	AF	DS		C	
〃	9-190	AF	DS		C	
0FT33570198//	10-126	AF	DS		C	
〃	10-127	AF	DS		C	
0FT33603762//	10-171	BB	GD		B	
〃	9-191	BB	GD		B	
0FT33603789//	9-192	BF	GN		B	
0FT33618557//	10- 86	AP	EQ		A	
0FT33638361//	10-162	BC	GJ		B	
〃	10-163	BC	GJ		B	
〃	9-193	BC	GJ		B	
〃	9-194	BC	GJ		B	
0FT33673027//	10-168	AU	EZ		B	
0FT33676877//	10-183	AU	EZ		C	
0FT33684193//	10-166	BF	GN		B	
0FT33684207//	10- 89	BA	FX		B	
0FT33693842//	10-181	BA	FX		C	
0FT33730969//	10-185	AZ	FQ		B	
0FT35863281//	9-195	BF	GN		B	
0FT35866337//	10-167	BF	GN		B	

PARTS CODE	NO.	PRICE R.		NEW	P/R	
		Ex.	Ja.			

注 意

・電池を正しく交換しないと爆発を起こす危険がある。

・機器製造者が指定したものと同一型名のもの、又は、
その同等の電池とのみ交換すること。

・使用済みの電池は、製造者の指示に従って処分すること。

CAUTION FOR BATTERY REPLACEMENT

(Danish) ADVARSEL !
Lithiumbatteri - Eksplosionsfare ved fejlagtig håndtering.
Udskiftning må kun ske med batteri
af samme fabrikat og type.
Levér det brugte batteri tilbage til leverandoren.

(English) Caution !
Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type
recommended by the manufacturer.
Dispose of used batteries according to manufacturer's instructions.

(Finnish) VAROITUS
Paristo voi räjähtää,jos se on virheellisesti asennettu.
Vaihda paristo ainoastaan laitevalmistajan suosittelemaan
tyyppiin. Hävitä käytetty paristo valmistajan ohjeiden
mukaisesti.

(French) ATTENTION
Il y a danger d'explosion s'il y a remplacement incorrect
de la batterie. Remplacer uniquement avec une batterie du
même type on d'un type équivalent recommandé par
le constructeur.
Mettre au rébut les batteries usagées conformément aux
instructions du fabricant.

(Swedish) VARNING
Explosionsfara vid felaktigt batteribyte.
Använd samma batterityp eller en ekvivalent
typ som rekornmenderas av apparattillverkaren.
Kassera använt batteri enligt fabrikantens
Instruktion.

(German) Achtung
Explosionsgefahr bei Verwendung inkorrekter Batterien.
Als Ersatzbatterien dürfen nur Batterien vom gleichen Typ oder
vom Hersteller empfohlene Batterien verwendet werden.
Entsorgung der gebrauchten Batterien nur nach den vom
Hersteller angegebenen Anwerisugen.

CAUTION FOR BATTERY DISPOSAL

(For USA,CANADA)

"BATTERY DISPOSAL"
THIS PRODUCT CONTAINS A LITHIUM PRIMARY
(MANGANESS DIOXIDE) MEMORY BACK-UP BATTERY
THAT MUST BE DISPOSED OF PROPERLY. REMOVE THE
BATTERY FROM THE PRODUCT AND CONTACT YOUR
LOCAL ENVIRONMENTAL AGENCIES FOR INFORMATION
ON RECYCLING AND DISPOSAL OPTIONS.

"TRAITEMENT DES PILES USAGÉES"
CE PRODUIT CONTIENT UNE PILE DE SAUVEGARDE DE
MÉMOIRE LITHIUM PRIMAIRE (DIOXYDE DE MANGANESE)
QUI DOIT ÊTRE TRAITÉE CORRECTEMENT. ENLEVEZ LA
PILE DU PRODUIT ET PRENEZ CONTACT AVEC VOTRE
AGENCE ENVIRONNEMENTALE LOCALE POUR DES
INFORMATIONS SUR LES MÉTHODES DE RECYCLAGE ET
DE TRAITEMENT.

SHARP

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